natural

Version 4.1.2 for Mainframes

Messages and Codes

software AG

This document applies to Natural Version 4.1.2 for Mainframes and to all subsequent releases.

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Natural System Error Messages

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Natural System Error Messages NAT0001-NAT0050

NAT0001: Missing/invalid syntax; undefined variable name/keyword.

Text	Missing/invalid syntax; undefined variable name/keyword.
Expl.	The syntax checker detected an invalid statement name or keyword. Probable cause is a misspelling of a statement name, keyword or variable name, or an error in a sub-clause of the previous statement.
Actn.	Correct Error.

NAT0002: No file is available with specified name or number.

Text	No file is available with specified name or number.
Expl.	- The file name was misspelt; or - the file is not defined in the Data Dictionary; or - you are not authorized for access to the file.
Actn.	Use a correct file name; or define the file in the Data Dictionary; or contact your Natural administrator for access authorization to the file.

NAT0003: Invalid character string for file name or file number.

Text	Invalid character string for file name or file number.
Expl.	An invalid syntax has been supplied where Natural expected to locate a file name or number. Only characters that are available in the construction of variable names may be used for the construction of a file name, i.e., alphabetical characters (first character must be alphabetical), numeric characters, and the following special characters: - hyphen _ underscore @ at / slash # hash or pound $ dollar & ampersand
Actn.	Eliminate invalid characters from file identification.

NAT0004: DEFINE DATA must be the first statement if present.

Text	DEFINE DATA must be the first statement if present.
Expl.	If DEFINE DATA is used in a program, it must always be the first statement.
Actn.	Correct error.

NAT0005: Closing parenthesis missing in arithm/logical expression.

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Text	Closing parenthesis missing in arithmetic/logical expression.
Expl.	Parentheses may be used to control the evaluation of arithmetic and logical expressions. If parentheses are used, they must always be paired (opening and closing parentheses).
Actn.	Check the use of parentheses in the arithmetic or logical expression.

NAT0006: ESCAPE statement used when no processing loop active.

Text	ESCAPE statement used when no processing loop active.
Expl.	The ESCAPE statement may only be used within an active processing loop.
Actn.	Check structure of processing loops and place ESCAPE statement correctly within an active loop.

NAT0007: Invalid THRU clause in READ LOGICAL/HISTOGRAM statement.

Text	Invalid THRU clause in READ LOGICAL/HISTOGRAM statement.
Expl.	When specifying the THRU clause in a READ LOGICAL or HISTOGRAM statement, an ending value must be supplied. The ending value must be either a constant or the content of a variable.
Actn.	Correct error in program.

NAT0008: Invalid search syntax.

Text	Invalid search syntax.
Expl.	1) A field used in a WITH clause must be a descriptor. A group notation is not permitted. 2) When the ENDING AT clause of a READ statement uses a superdescriptor as the search key, the superdescriptor must be defined with the VIEW in the data area (if present). 3) When the READ statement is related to DB2, the search variable must be part of the VIEW.
Actn.	1) The LIST FILE command may be used to ascertain whether a field is defined as a descriptor in the Data Dictionary. 2) Add the superdescriptor to the VIEW.

NAT0009: Invalid relational operator in a relational expression.

Text	Invalid relational operator in a relational expression.
Expl.	A relational expression in a logical criterion contains an invalid relational operator. The following relational operators may be used in a relational expression: = or EQ or EQUAL TO ^= or NE or NOTEQUAL < or LT or LESS THAN <= or LE or LESS EQUAL > or GT or GREATER THAN >= or GE or GREATER EQUAL
Actn.	Correct the construction of the relational expression.

NAT0010: Error in value specification in a relational expression.

Text	Error in value specification in a relational expression.
Expl.	The search criterion is correct up to the relational operator, but the specification of the value to be compared is either missing or invalid. If the value was specified using a variable, the variable must have been previously defined.
Actn.	Ensure that alpha descriptor values are enclosed in apostrophes and that numeric values are not. Reference only variables that have been defined previously.

NAT0011: Invalid format combination in a relational expression.

Text	Invalid format combination in a relational expression.
Expl.	In a relational expression, values being compared with a relational operator must have the same format, that is: alpha rel-operator alpha numeric rel-operator numeric binary rel-operator binary
Actn.	Correct error.

NAT0012: Length adjustment of search variable not possible.

Text	Length adjustment of search variable not possible.
Expl.	The value supplied in the relational expression is longer than the length defined for the search variable. The length of the search variable can be dynamically adjusted to the length of the value supplied if only one value exists. (This is not true for expressions using the "OR =", "THRU" or "BUT NOT" operations.)
Actn.	If more than one value exists, use appropriate length specification for search variable.

NAT0013: Descriptor name or ISN missing after "BY" in READ.

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Text	Descriptor name or ISN missing after "BY" in READ.
Expl.	The word "BY" is specified to express a sequence for a READ operation. If BY is used, either the word "ISN" or the name of a descriptor must be specified to express the sequence in which the records are to be read.
Actn.	Either do not specify BY, or specify either ISN or the name of a descriptor.

NAT0014: Error in SORTED BY clause of FIND statement.

Text	Error in SORTED BY clause of FIND statement.
Expl.	The field specified for an Adabas sort is not a descriptor; or no sort descriptor was specified; or more than 3 sort fields were specified.
Actn.	Correct error.

NAT0015: Parenthesis missing in Natural system function notation.

Text	Parenthesis missing in Natural system function notation.
Expl.	The argument for a Natural system function must be enclosed in parentheses. If a variable has been given a name which is also the name of a Natural system function, this error message will also occur.
Actn.	Either enclose the argument for the function in parentheses; or change the name of the variable so that it does not conflict with the name of a Natural system function.

NAT0016: Invalid parameter in INCLUDE statement or copycode.

Text	Invalid parameter in INCLUDE statement or copycode.
Expl.	The number of a parameter in the copycode
Actn.	Correct error in INCLUDE statement or in copycode.

NAT0017: MASK or SCAN used incorrectly, or incorrect mask length.

Text	MASK or SCAN used incorrectly, or incorrect mask length.
Expl.	MASK and SCAN can only be specified following an EQ or NE operator. Length of mask must be less than or equal to the length of the field. Only the follwing characters may be used in a mask: . ignore position in variable X check against position in value U check for upper-case alpha L check for lower-case alpha N check for numeric C check for alphanumeric H check for hexadec. char. S check for special printable P check for printable char. A check for upper/lower alpha DD check for valid day in month MM check for valid month in year YY check for valid current year YYYY check for valid year in century N1-N2 check against range of values
Actn.	Ensure that the mask is specified correctly.

NAT0018: Error in construction of arithmetic operand.

Text	Error in construction of arithmetic operand.
Expl.	The name of a variable has been misspelt in an arithmetic expression; or a wrong character has been used in the construction of a numeric constant; or the argument of a square root function has been constructed incorrectly.
Actn.	Check program and correct error.

NAT0019: Error in receiving field of arithmetic statement.

Text	Error in receiving field of arithmetic statement.
Expl.	The receiving field of an arithmetic operation must consist of a valid variable reference. The error may be caused by a misspelt variable name or by not supplying the character "=" in ASSIGN/COMPUTE. It can also appear if the target variable is a system function like INT, SIN, etc. Ensure that the target field of MULTIPLY/DIVIDE is not a constant.
Actn.	Check program and correct error.

NAT0020: Word "BY" missing in MULTIPLY statement.

Text	Word "BY" missing in MULTIPLY statement.
Expl.	In a MULTIPLY statement, the word "BY" is required between the two operands to be multiplied, for example: MULTIPLY 1 BY 2 GIVING #RESULT
Actn.	Check program and correct error.

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NAT0021: Word "INTO" missing in DIVIDE statement.

Text	Word "INTO" missing in DIVIDE statement.
Expl.	In a DIVIDE statement, the two operands must be separated by the word "INTO", for example: DIVIDE 2 INTO 7 GIVING #RESULT
Actn.	Check program and correct error.

NAT0022: Word "TO" missing in MOVE statement.

Text	Word "TO" missing in MOVE statement.
Expl.	The word "TO" is required in a MOVE statement to indicate the result field(s) into which the values are to be moved. Examples: MOVE 1 TO #A MOVE #B TO #C #D #E #F
Actn.	Check program and correct error.

NAT0023: Error in specification of format element.

Text	Error in specification of format element.
Expl.	Error in the specification of a format element: either in the FORMAT statement, or in a format specification following an input/output statement or an individual element. Format elements must be identified using the proper format element keywords. See the Natural Reference documentation, Natural Session Parameters, for details.
Actn.	Check program and correct error.

NAT0024: In VERT mode, "AS" must be followed by "text" or "CAP".

Text	In VERT mode, "AS" must be followed by "text" or "CAP".
Expl.	DISPLAY VERTICALLY AS indicates that a special option is desired for the vertical display of elements. No such option was encountered, either because of a misspelling or because no options were provided. Possible options are: - DISPLAY VERTICALLY AS "header text" - DISPLAY VERTICALLY AS CAPTIONED (or DISPLAY VERTICALLY AS CAP) - DISPLAY VERTICALLY AS "header text" CAPTIONED See Natural Reference documentation for details.
Actn.	Check program and correct error.

NAT0025: Closing parenthesis missing in system function argument.

Text	Closing parenthesis missing in system function argument.
Expl.	In a SORT statement, multiple argument variables can be specified for the same Natural system function. The list of argument variables must be enclosed in parentheses for all argument fields that are to be evaluated for the same system function.
Actn.	Check program and correct error.

NAT0026: Output element after "VERT" is missing or invalid.

Text	Output element after "VERT" is missing or invalid.
Expl.	"VERT(ICALLY)" was specified in a DISPLAY statement to indicate that output elements are to be displayed underneath one another; however, no valid output element was encountered after the "VERT". You have probably misspelt a variable name or forgotten an apostrophe at the beginning of a text string.
Actn.	Check program and correct error.

NAT0027: Error in value specification.

Text	Error in value specification.
Expl.	A value may be specified either as a constant or as the reference to an already existing variable or database field. Either a misspelt variable name was supplied, or the leading apostrophe for a constant was omitted.
Actn.	Correct error.

NAT0028: READ LOGICAL used without required descriptor.

Text	READ LOGICAL used without required descriptor.
Expl.	A READ LOGICAL statement requires the specification of a descriptor which is to be used to control the read sequence. If no sequence is specified in the READ LOGICAL statement, Natural attempts to use the default sequence as defined for the file in the Data Dictionary. If no descriptor is specified in the READ LOGICAL statement, and no default sequence is defined in the Data Dictionary, this error message will be displayed.
Actn.	Ensure that the sequence descriptor is specified by either of the methods described above.

NAT0029: Descriptor field missing/invalid syntax in HISTOGRAM.

Text	Descriptor field missing/invalid syntax in HISTOGRAM.
Expl.	A HISTOGRAM statement reads the values for a descriptor. The values are read using the database inverted list. Therefore, only descriptor fields may be specified.
Actn.	Supply a valid descriptor.

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NAT0030: A relational expression is missing or invalid.

Text	A relational expression is missing or invalid.
Expl.	Valid relational expressions are: = or EQ or EQUAL TO ^= or NE or NOTEQUAL < or LT or LESS THAN <= or LE or LESS EQUAL > or GT or GREATER THAN >= or GE or GREATER EQUAL
Actn.	See Natural Reference documentation, Logical Condition Criteria, for detailed information.

NAT0031: Opening/closing parenthesis missing in REDEFINE.

Text	Opening/closing parenthesis missing in REDEFINE.
Expl.	Opening and closing parentheses are required to begin/end the definition of a new variable using REDEFINE. Example: REDEFINE #A (#A(N3) #A2(A7))
Actn.	Correct error.

NAT0032: Invalid control field specified in AT BREAK statement.

Text	Invalid control field specified in AT BREAK statement.
Expl.	In an AT BREAK statement, database fields or user-defined variables may be used to indicate the control field. If a user-defined variable is used, it must have been previously defined.
Actn.	Correct error.

NAT0033: ACCEPT/REJECT can only be used in active database loop.

Text	ACCEPT/REJECT can only be used in active database loop.
Expl.	ACCEPT/REJECT can only be used within an active processing loop that reads data from the database. The loop must have been initiated with a FIND, READ or HISTOGRAM statement, and it must not be closed prior to the ACCEPT or REJECT statement.
Actn.	Place loop-closing statement (LOOP, END-FIND, END-READ, etc.) correctly after the ACCEPT/REJECT statement.

NAT0034: Numeric field for number of lines invalid or missing.

Text	Numeric field for number of lines invalid or missing.
Expl.	The number of lines to be skipped in a SKIP, EJECT or NEWPAGE statement must be specified with a numeric constant or variable.
Actn.	Check program and correct error.

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NAT0035: "DATA" not in AT START OF DATA/"PAGE" in AT TOP OF PAGE.

Text	"DATA" not in AT START OF DATA/"PAGE" in AT TOP OF PAGE.
Expl.	The word "DATA" is required in the construction of an AT START OF DATA statement; the word "PAGE" is missing in an AT TOP OF PAGE statement. It has either been misspelt or forgotten.
Actn.	Check program and correct error.

NAT0036: Error in "/n/" specification of "BREAK OF ... /n/".

Text	Error in "/n/" specification of "BREAK OF ... /n/".
Expl.	The option "/n/" in the construction of a logical break condition must be a numeric constant enclosed in slashes (/) without any leading or trailing blanks. Example: IF BREAK OF BIRTH /2/
Actn.	Check program and correct error.

NAT0037: Name missing or specified incorrectly.

Text	Name missing or specified incorrectly.
Expl.	This error occurs under one of the following conditions: - The program name specified in a CALL or CALLNAT statement is incorrect. - The dialog name specified in an OPEN DIALOG statement is incorrect.
Actn.	Specify the name as a 1- to 8-character constant or as a variable of format A8.

NAT0038: Invalid field reference in REDEFINE base field.

Text	Invalid field reference in REDEFINE base field.
Expl.	The field to be used as the base field in a REDEFINE statement may be a user-defined variable or a database field. If it is a user-defined variable, it must have been previously defined. If it is a database field, it must be a field within an active loop.
Actn.	Check program and correct error.

NAT0039: Sum of field lengths in REDEFINE > length of base field.

Text	Sum of field lengths in REDEFINE > length of base field.
Expl.	The accumulated length of all new fields in a REDEFINE statement must be less than or equal to the length of the base field, counted in bytes.
Actn.	Check program and correct error.

NAT0040: Only one AT TOP OF PAGE statement allowed per report.

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Text	Only one AT TOP OF PAGE statement allowed per report.
Expl.	The AT TOP OF PAGE statement may only be specified once for the same report. If multiple actions are to be executed at the top of a page depending on various conditions, they must be specified within the same AT TOP OF PAGE statement and separated by the appropriate logical conditions.
Actn.	Check program and correct error.

NAT0041: Only one AT END OF PAGE statement allowed per report.

Text	Only one AT END OF PAGE statement allowed per report.
Expl.	The AT END OF PAGE statement may be specified only once per report. If multiple actions are desired under the same end-of-page condition, they must be specified within the same AT END OF PAGE statement and separated by the appropriate logical conditions.
Actn.	Check program and correct error.

NAT0042: Invalid specification of CIPHER code.

Text	Invalid specification of CIPHER code.
Expl.	The cipher code for a database file may be specified either as a numeric constant (8 digits) or the content of a numeric variable. The numeric variable must be defined with format/length N8. An equal sign (=) must be specified between the word CIPHER and the value. If the value is supplied via a numeric variable, this numeric variable cannot be a REDEFINE variable.
Actn.	Check program and correct error.

NAT0043: Invalid password construction.

Text	Invalid password construction.
Expl.	The Adabas password may be provided as an alphanumeric constant or by using an alphanumeric variable. An equal sign (=) must be specified between the word PASSWORD and the value for the password.
Actn.	Check program and correct error.

NAT0044: Output element not defined, or indexes incorrect.

Text	Output element not defined, or indexes incorrect.
Expl.	This error may be caused by: - an error in the construction of the name of an output element; - a reference to a variable that has not been previously defined; - a misspelling of a keyword; - an invalid index specification.
Actn.	Check program and correct error.

NAT0045: Invalid reference in UPDATE or DELETE statement.

Text	Invalid reference in UPDATE or DELETE statement.
Expl.	Either the construction of the reference is wrong or the reference is not allowed. A reference can only be made to a FIND, GET or READ statement. An UPDATE, GET or DELETE statement must not be on the same line as a FIND statement. No reference is possible to a GET SAME statement. In this case, use a reference to the statement that made the first access to the record.
Actn.	Check for the above causes and correct any errors.

NAT0046: Error in parameter field list for UPDATE or STORE.

Text	Error in parameter field list for UPDATE or STORE.
Expl.	Only fields from one file may be updated with one UPDATE or STORE statement. Values for fields may be constants, the contents of user-defined variables, or the contents of a database fields.
Actn.	Check the parameter list and correct any errors.

NAT0047: Error in variable definition.

Text	Error in variable definition.
Expl.	One of the following errors was detected: - In an OBTAIN statement, the field referenced was not contained within a database array. - An error in a statement reference and/or field length notation was detected. - An error in the index notation was detected. OBTAIN ARRAY (1:5) -> valid OBTAIN ARRAY (#I:#J) -> INVALID OBTAIN ARRAY (#I:#I + 9) -> valid
Actn.	Correct error.

NAT0048: Illegal format combination of field/value in UPDATE/STORE.

Text	Illegal format combination of field/value in UPDATE/STORE.
Expl.	The value assignment for field/value combinations in the parameter list is performed individually for each combination according to the general rules for value assignment. An attempt was made to assign a value of one format to a field of incompatible format.
Actn.	Check program and correct error.

NAT0049: Error in value entry for UPDATE or STORE.

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Text	Error in value entry for UPDATE or STORE.
Expl.	The value in an UPDATE or STORE statement may be specified as a constant or as the content of a user-defined varialbe or database field. If a database field is used as a value, it must reference a currently active FIND/READ/GET loop.
Actn.	Check program and correct error.

NAT0050: Error in reference for GET SAME statement.

Text	Error in reference for GET SAME statement.
Expl.	The GET SAME statement refers by default to the last active access to the database; a reference to another specific database access may be explicitly specified. If an explicit reference is used, the database access must still be active.
Actn.	Correct the error in the GET SAME reference.

Natural System Error Messages NAT0051-NAT0100

NAT0051: Error in field reference in GET statement.

Text	Error in field reference in GET statement.
Expl.	One of the following errors was detected in a GET statement: - A field referenced is not contained in the specified file. - An invalid index notation for a database array was used.
Actn.	Check program and correct error.

NAT0052: Invalid ISN value specified in GET or READ statement.

Text	Invalid ISN value specified in GET or READ statement.
Expl.	The ISN value in a GET or READ statement must be specified as an integer numeric constant, a user-defined variable, or via the Natural system variable *ISN. If you use *ISN, you must specify the statement label or source-code line number (r) of the database statement that was used to originally read the record with that ISN.
Actn.	Correct error in program.

NAT0053: No more than one WRITE TITLE/TRAILER allowed per report.

Text	No more than one WRITE TITLE/TRAILER allowed per report.
Expl.	Only one WRITE TITLE statement and one WRITE TRAILER statement may be specified per report.
Actn.	Check the report references of the WRITE TITLE/TRAILER statements.

NAT0054: Error in entry for Natural system function.

Text	Error in entry for Natural system function.
Expl.	A Natural system function is indicated by an asterisk (*). The name of a valid Natural system function must follow the asterisk. Example: MOVE *MAX (SALARY) TO RICHPERSON
Actn.	Check program and correct error.

NAT0055: Error in argument variable for Natural system function.

Text	Error in argument variable for Natural system function.
Expl.	The argument entry for a Natural system function may be a previously defined user-defined variable, or a database field.
Actn.	Check program and correct error.

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NAT0056: SORT statement used incorrectly.

Text	SORT statement used incorrectly.
Expl.	The SORT statement may only be used within an active processing loop. A SORT statement may not be placed within a processing loop that was initiated by another SORT statement. If a program contains multiple SORT statements, all must include a USING clause.
Actn.	Correct error.

NAT0057: Invalid number specified in WITH LIMIT clause.

Text	Invalid number specified in WITH LIMIT clause.
Expl.	The number representing the limit of records selected for further processing was specified incorrectly. It may be specified either as a numeric constant or as the content of a numeric variable that has been previously defined; for example: WITH LIMIT (123) or WITH LIMIT (#LMT)
Actn.	Correct error in program.

NAT0058: Number of records to be processed not specified correctly.

Text	Number of records to be processed not specified correctly.
Expl.	The number of records to be processed in a processing loop initiated by FIND, READ or HISTOGRAM statement may be limited. The limit is specified as (n) where n is either a numeric constant or the name of a previously defined numeric variable.
Actn.	Correct error.

NAT0059: Incorrect field specification in WHERE clause.

Text	Incorrect field specification in WHERE clause.
Expl.	Probable causes of this message are: - an error in the specified name; - a reference to a Natural system function which has not yet been evaluated; - a new variable has been defined where not allowed.
Actn.	Correct error.

NAT0060: Incorrect variable specification in logical criteria.

Text	Incorrect variable specification in logical criteria.
Expl.	The left portion of a relational expression was specified incorrectly. This error may be caused by misspelling a variable name or keyword in a statement that follows the relational expression.
Actn.	Check program and correct error.

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NAT0061: Error in GIVING value of ADD/MULTIPLY/SUBTRACT/DIVIDE.

Text	Error in GIVING value of ADD/MULTIPLY/SUBTRACT/DIVIDE.
Expl.	After the word "GIVING" in an ADD, MULTIPLY, SUBTRACT or DIVIDE statement, a valid notation for a variable reference must be specified. A user-defined variable or a database field may be used.
Actn.	Correct error.

NAT0062: Invalid receiving field in MOVE statement.

Text	Invalid receiving field in MOVE statement.
Expl.	A valid notation for a variable reference must be specified after the word "TO" in a MOVE statement. A user-defined variable or a database field may be used. MOVE LEFT/RIGHT JUSTIFIED is not allowed, if the receiving field is a system-variable.
Actn.	Correct error.

NAT0063: Error in argument for a Natural system function.

Text	Error in the argument for a Natural system function.
Expl.	The argument for a system function in a WRITE or DISPLAY statement following an AT BREAK/END DATA condition was specified incorrectly. Either a user-defined variable or a database field may be used. If a user-defined variable is used, it must have been previously defined. If a database field is used, it must be available within an active processing loop. For a database field which is contained within an array, a single index (one-dimensional array) or a range of indexes (two-dimensional array) may be used.
Actn.	Check program and correct error.

NAT0064: Invalid parameter operand.

Text	Invalid parameter operand.
Expl.	- In a CALL or SEND METHOD statement an invalid operand was specified as parameter. - In a PROCESS GUI or PROCESS REPORTER statement the parameter operand violates the required parameter description of the appropiate action. - In a OPEN DIALOG or SEND EVENT statement the parameter operand does not match the parameter definition of the appropiate dialog.
Actn.	Check parameter operand.

NAT0065: Group or periodic group referenced in VERT mode.

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Text	Group or periodic group referenced in VERT mode.
Expl.	Groups and periodic groups may only be referenced in a DISPLAY statement in HORIZONTAL mode because a group needs a layout of columns that requires multiple lines. Make sure that the display mode is set to "HORIZ" before referencing a group or periodic group.
Actn.	Check program and correct error.

NAT0066: Error in constant specification for LIMIT statement.

Text	Error in constant specification for LIMIT statement.
Expl.	The value for the LIMIT statement may be specified as a numeric constant only.
Actn.	Check program and correct error.

NAT0067: Error in control value specification of FOR statement.

Text	Error in control value specification of FOR statement.
Expl.	The control value must be numeric and may be specified as a constant, user-defined variable or database field. The TO value may be specified as a numeric constant, user-defined variable, or database field. Any database field used must be available via an active processing loop.
Actn.	Check program and correct error.

NAT0068: Parameter error in GLOBALS command.

Text	Parameter error in GLOBALS command.
Expl.	Parameters in the GLOBALS command must be specified with a parameter identification and a valid argument for the parameter. See the Natural Reference documentation, under System Commands and Session Parameters, for further information.
Actn.	Check program and correct error.

NAT0069: Error in search criteria involving COUPLED clause.

Text	Error in search criteria involving COUPLED clause.
Expl.	The COUPLED clause of a FIND statement may be used to specify a search which involves the Adabas coupling facility. A maximum of four COUPLED clauses may be used. See the Natural Reference documentation, FIND Statement, for further information.
Actn.	Check program and correct error.

NAT0070: GIVE SYSTEM FUNCTIONS allowed only once per report.

Text	GIVE SYSTEM FUNCTIONS allowed only once per report.
Expl.	The GIVE SYSTEM FUNCTIONS clause, which is used to cause the evaluation of Natural system functions for subsequent use in an AT END OF PAGE condition, may only be used once for a given report. See the Natural Reference documentation, DISPLAY Statement, for further information.
Actn.	Check program and correct error.

NAT0071: Invalid subroutine name in DEFINE SUBROUTINE statement.

Text	Invalid subroutine name in DEFINE SUBROUTINE statement.
Expl.	The name of a subroutine must conform to the same rules that apply for user-defined variables. See the Natural Reference documentation, User-Defined Variables, for further information.
Actn.	Check program and correct error.

NAT0072: A subroutine with the same name already exists.

Text	A subroutine with the same name already exists.
Expl.	You have used one subroutine name for two subroutines. However, subroutine names within a program must be unique. Or, you have tried to pass a parameter to an internal subroutine. You can only pass parameters to external subroutines.
Actn.	Check the names of the defined subroutines. Make sure the parameters are passed correctly.

NAT0073: Sort field error; field has not previously been defined.

Text	Sort field error; field has not previously been defined.
Expl.	The fields used as sort criteria in a SORT statement must be user-defined variables which have been previously defined, or database fields which are available within an active processing loop. The same field may not be referenced twice in the SORT key fields or the USING clause. See Natural Reference documentation, SORT Statement, for further information.
Actn.	Check program and correct error.

NAT0074: Incorrect specification of name in PERFORM SUBROUTINE.

Text	Incorrect specification of name in PERFORM SUBROUTINE.
Expl.	The name of the subroutine must not be enclosed in apostrophes.
Actn.	Check program and correct error.

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NAT0075: RETURN or END-SUBROUTINE either missing or misplaced.

Text	RETURN or END-SUBROUTINE either missing or misplaced.
Expl.	This error occurs under one of the following conditions: 1) A RETURN or END-SUBROUTINE was found even if there is no corresponding DEFINE SUBROUTINE. 2) A subroutine was started in a conditional statement block (e.g. IF, DECIDE..), but it was not yet closed at the end of the statement block (e.g. END-IF,..) Example: IF field = "A" then DEFINE SUBROUTINE ABC WRITE "HELLO" END-IF 3) A subroutine is empty, that is not even one statement has been found in between.
Actn.	Check program and correct error.

NAT0076: The assigned work file is not available or not defined.

Text	The assigned work file is not available or not defined.
Expl.	In a batch environment, work files must be defined by providing JCL statements which identify the referenced work file. In an online environment that supports work files, work files must be defined via the setup parameters when starting the Natural session.
Actn.	Check program to determine if work file specified correctly. If so, contact your Natural administrator for further information on work file assignment/availability.

NAT0077: Error in data field for READ/WRITE WORK FILE statement.

Text	Error in data field for READ/WRITE WORK FILE statement.
Expl.	Data fields may be specified as database fields or as user-defined variables. If the RECORD option is used, the variables must not have been previously defined and dynamic variables (if available) are not allowed. If the SELECT option is used, the variables may have been previously defined. Numeric constants may also be used with WRITE WORK FILE.
Actn.	Check program and correct error.

NAT0078: Error in "FILLER nX" specification for READ WORK FILE.

Text	Error in "FILLER nX" specification for READ WORK FILE.
Expl.	A filler may be specified in the definition of the data layout by using the notation "FILLER nX", where n is an integer number.
Actn.	Check program and correct error.

NAT0079: Invalid specification of AT END OF FILE clause.

Text	Invalid specification of AT END OF FILE clause.
Expl.	The specification of the AT END OF FILE clause in a READ WORK FILE statement is only permitted if the ONCE option has also been specified. If the ONCE option is not specified, a normal processing loop is created with the end-of-file condition being handled as normal loop termination.
Actn.	Check program and correct error.

NAT0080: Command / program name must start with a letter.

Text	Command / program name must start with a letter.
Expl.	The command - or the name of the program to be executed - you entered began with an invalid character. The first character of a system command or program name must be an alphabetical character, not a number or a special character.
Actn.	Enter a valid command or program name.

NAT0081: Object name missing in READ command.

Text	Object name missing in READ command.
Expl.	The READ command reads a source object from the active Natural library (or optionally from the library specified with the command) into the editor work area appropriate for the object type. The correct syntax of the command is: READ object-name <library-id> library-id must not be specified if Natural Security is active. library-id must not begin with "SYS" (except SYSTEM).
Actn.	Enter READ command with a valid object name.

NAT0082: Invalid command, or :1: :2: does not exist in library.

Text	Invalid command, or ... ... does not exist in library.
Expl.	One of the following has occurred: - You entered a value in the command line which is neither a Natural command nor the name of a Natural program contained in the active library or in a library defined as a steplib. - An object which is required during execution of a program, subprogram, subroutine or helproutine is not contained in the active library or in a library defined as a steplib. - Your Natural session is currently applying system files other than those containing the object you specified.
Actn.	Check to ensure that you entered a valid Natural command or the name of an existing Natural object. Use the command SYSPROF to check whether you are using the correct system file.

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NAT0083: SAVE or CATALOG command issued when work area empty.

Text	SAVE/CATALOG command issued when work area empty.
Expl.	An object can only be SAVEd/CATALOGed from the editor work area. An object can be brought into the work area with a READ or EDIT command. (The command "RUN program-name" will also read the source of the program called "program-name" into the editor work area, before compiling and executing it.)
Actn.	Use READ or EDIT prior to using SAVE/CATALOG.

NAT0084: Object name already exists; SAVE/CATALOG not executed.

Text	Object name already exists; SAVE/CATALOG not executed.
Expl.	Natural requires that object names be unique. An object cannot be SAVEd or CATALOGed under a name which has already been given to another object.
Actn.	Either choose a different name for the object to be SAVEd/CATALOGed, or RENAME/PURGE/UNCATALOG/SCRATCH the existing object of that name before issuing the SAVE/CATALOG command.

NAT0085: Invalid program name specified in SAVE/CATALOG command.

Text	Invalid program name specified in SAVE/CATALOG command.
Expl.	A program name must begin with an alphabetical character and must not be longer than 8 characters.
Actn.	Enter a valid program name.

NAT0086: READ WORK FILE ONCE not allowed in AT END OF FILE.

Text	READ WORK FILE ONCE not allowed in AT END OF FILE.
Expl.	A READ WORK FILE ONCE statement is not permitted within an AT END OF FILE clause. See the Natural Reference documentation, READ WORK FILE Statement, for more information.
Actn.	Correct error.

NAT0087: Invalid parameters for USING in DEFINE DATA statement.

Text	Invalid parameters for USING in DEFINE DATA statement.
Expl.	The USING clause of the DEFINE DATA statement contains invalid parameters.
Actn.	Correct error.

NAT0088: RUN command issued without program in work area.

Text	RUN command issued without program in work area.
Expl.	If there is a program in the editor work area, you can issue the RUN command without program name so as to compile and execute that program. If the editor work area is empty, you must specify a program name with the RUN command, so as to read a program into the work area, from where it is compiled and executed.
Actn.	Specify a program name with the RUN command, or read the source program into the work area with a READ or EDIT command before issuing RUN.

NAT0089: CHECK command issued, but no program in work area.

Text	CHECK command issued, but no program in work area.
Expl.	The CHECK command can only be used after a source program has been read into the source work area with an EDIT, READ, or RUN command.
Actn.	Use EDIT or READ to place program in source work area before issuing a CHECK command.

NAT0090: Sub-/superdescriptor cannot be used in THRU clause.

Text	Sub-/superdescriptor cannot be used in THRU clause.
Expl.	A subdescriptor or superdescriptor must not be used in a THRU clause. The REDEFINE statement may be used to create a variable which may be used in the THRU clause. A HISTOGRAM statement may be used to read the values of the sub- or superdescriptor in sequence, followed by a FIND statement using each value read to retrieve the records.
Actn.	Check program and correct error.

NAT0091: Only "ON" or "OFF" allowed with UPDATE command.

Text	Only "ON" or "OFF" allowed with UPDATE command.
Expl.	The UPDATE command may be used to disable or enable database updating: - "UPDATE ON" enables updating of the database. - "UPDATE OFF" disables updating of the database. Other command options are not allowed with the UPDATE command.
Actn.	Enter the command "UPDATE ON" or "UPDATE OFF".

NAT0092: Invalid/missing block name in DEFINE DATA statement.

Text	Invalid/missing block name in DEFINE DATA statement.
Expl.	One of the following errors was detected while processing the block name of a data block contained within a global data area: - An error in block naming conventions was detected. - The data block specified was not found in the current global data area.
Actn.	Check program and correct error.

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NAT0093: Field identification for REINPUT must be an integer.

Text	Field identification for REINPUT must be an integer.
Expl.	The operand after the keyword "MARK" in a REINPUT statement must be a positive integer constant or a numeric variable containing an integer.
Actn.	Check program and correct error.

NAT0094: Invalid initial value definition in DEFINE DATA statement.

Text	Invalid initial value definition in DEFINE DATA statement.
Expl.	The definition of initial values in the DEFINE DATA statement is invalid. Note in particular that the Natural session parameter DTFORM must correspond to the value definition in the DEFINE DATA statement. For example: DTFORM=U and a D"YYYY-MM-DD" constant would cause an error. Moreover, a numeric initial value must not have more precision or scale digits than defined in the variable. For example: 1 #FLD1 (N2.2) INIT <12.345> causes an error. 1 #FLD2 (N2.2) INIT <123.45> causes an error.
Actn.	Correct error.

NAT0095: Only alpha constant/field allowed for text in (RE)INPUT.

Text	Only alpha constant/field allowed for text in (RE)INPUT.
Expl.	The "text" in an INPUT or REINPUT statement can be specified with an alphanumeric constant, a previously defined alphanumeric variable, or an alphanumeric database field.
Actn.	Check that the variable used is defined as alphanumeric format or that the text constant is enclosed in apostrophes.

NAT0096: Invalid use of GLOBAL in DEFINE DATA statement.

Text	Invalid use of GLOBAL in DEFINE DATA statement.
Expl.	"USING gda-name" is required after the keyword "GLOBAL" when referencing a global data area in a DEFINE DATA statement.
Actn.	Correct error.

NAT0097: Invalid variable definition in REDEFINE statement.

Text	Invalid variable definition in REDEFINE statement.
Expl.	The variable definition is invalid for one or both of the following reasons: - invalid format specification; - invalid field length specification.
Actn.	Correct error.

NAT0098: At least one field required for RESET statement.

Text	At least one field required for RESET statement.
Expl.	The RESET statement requires that at least one variable be specified after the keyword RESET (or after the keyword INITIAL, if this is used).
Actn.	Correct error.

NAT0099: Field error in a COMPRESS statement.

Text	Field error in a COMPRESS statement.
Expl.	The COMPRESS statement compresses multiple field/literal values into another field. At least one value to be compressed must be specified. The value specified must be either a literal constant or an alphanumeric field.
Actn.	Correct error.

NAT0100: Format "C" or "L" not allowed with COMPRESS or MOVE ALL.

Text	Format "C" or "L" not allowed with COMPRESS or MOVE ALL.
Expl.	- Multiple values may be compressed into one receiving field by use of a COMPRESS statement. The field whose values are compressed must not be of format "C" or "L". - One value may be moved more than once to a receiving field with a MOVE ALL statement. The value to be moved must be of alphanumeric (A) or unpacked numeric (N) format.
Actn.	Correct error.

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Natural System Error Messages NAT0101-NAT0150

NAT0101: Only format "A" allowed for result field.

Text	Only format "A" allowed for result field.
Expl.	- The result field in a COMPRESS or MOVE ALL statement must be of alphanumeric (A) format. - A variable for which an INIT value with "FULL LENGTH" or "LENGTH n" option is defined, must be of alphanumeric (A) format.
Actn.	Correct error.

NAT0102: Error in reference to Natural system function in SORT.

Text	Error in reference to Natural system function in SORT.
Expl.	Only the system functions MAX, MIN, AVER, TOTAL may be evaluated. The values of these functions may be referenced after the sort operation in the form *FUNCTION(VARIABLE). Example: MOVE *TOTAL(SALARY) TO PAYROLL-TOTAL(N8)
Actn.	Correct error.

NAT0103: Error in receiving field for COMPRESS statement.

Text	Error in receiving field for COMPRESS statement.
Expl.	In a COMPRESS statement, the word "INTO" (or "TO") must be followed by a valid field name so as to indicate where the result is to be placed. The receiving field must be of alphanumeric (A) format.
Actn.	Correct error.

NAT0104: Multiple loop-initiating statements in the same line.

Text	Multiple loop-initiating statements in the same line.
Expl.	Only one loop-initiating statement may be specified in a single source code line.
Actn.	Enter each loop-initiating statement in a separate line.

NAT0105: Database updating not permitted.

Text	Database updating not permitted.
Expl.	The Natural administrator has disabled updating of the specified database. No programs with database-update functions can be created.
Actn.	Contact your Natural administrator.

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 Natural System Error Messages NAT0101-NAT0150

NAT0106: SAVE/CATALOG/STOW/PURGE/UNCATALOG/SCRATCH not available.

Text	SAVE/CATALOG/STOW/PURGE/UNCATALOG/SCRATCH not available.
Expl.	Your Natural administrator has set the profile parameters ROSY and/or RECAT so that the system commands SAVE, CATALOG, STOW, PURGE, UNCATALOG, SCRATCH cannot be used.
Actn.	Contact your Natural administrator.

NAT0107: No more than 2000 bytes may be specified for ET data.

Text	No more than 2000 bytes may be specified for ET data.
Expl.	An END TRANSACTION statement was issued in which more than the maximum of 2000 bytes of user data were provided.
Actn.	Reduce the amount of ET data.

NAT0108: Error in group reference in WRITE WORK FILE statement.

Text	Error in group reference in WRITE WORK FILE statement.
Expl.	An error was detected during the processing of individual fields that are referenced via a group name.
Actn.	Check group definition.

NAT0109: Invalid reference in GET SAME or UPDATE statement.

Text	Invalid reference in GET SAME or UPDATE statement.
Expl.	The GET SAME or UPDATE statement can only refer back to a database-access statement, such as FIND, READ or GET, which is currently active; that is, the processing loop for that database access must still be open.
Actn.	Correct error.

NAT0110: No source text allowed after the END statement.

Text	No source text allowed after the END statement.
Expl.	The END statement indicates the end of the source of a Natural object. No other statements or comment lines are allowed after the END statement. A probable cause of this error is the misspelling of a name or the omission of "PAGE", "DATA", "TRANSACTION" from the statements AT END OF PAGE, AT END OF DATA, END TRANSACTION respectively; or a missing hyphen in END-DEFINE, END-FIND, END-IF etc.
Actn.	Correct error.

NAT0111: Function only available with :1:.

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Text	Function only available with ....
Expl.	You have specified a function which is currently not available, because the Software AG product which provides this function is not installed in your current Natural environment. For example, the use of the system command MAIL would lead to this error if Natural Security is not installed.
Actn.	Contact your Natural administrator.

NAT0112: Invalid use of group name.

Text	Invalid use of group name.
Expl.	A group name must not be specified in this statement; specify elementary fields instead.
Actn.	Correct error in program.

NAT0113: DOEND statement found without preceding DO statement.

Text	DOEND statement found without preceding DO statement.
Expl.	A DOEND statement may only be used to terminate a group of statements which are preceded by a DO statement. Each DOEND is paired with the last previous unpaired DO.
Actn.	Check usage of DO/DOEND and correct error.

NAT0114: Error in SET KEY statement construction.

Text	Error in SET KEY statement construction.
Expl.	See Natural Statements documentation for information on valid syntax for SET KEY statement.
Actn.	Correct error in program.

NAT0115: Error in variable definition for GET TRANSACTION DATA.

Text	Error in variable definition for GET TRANSACTION DATA.
Expl.	This error is usually the result of a misspelt variable name. In the GET TRANSACTION DATA statement, all types of variables of all formats are allowed. Variables may either be newly defined in the GET TRANSACTION DATA statement or may be referenced from a previous definition.
Actn.	Check program and correct error.

NAT0116: Incorrect specification of "/n/" clause.

Text	Incorrect specification of "/n/" clause.
Expl.	The "/n/" notation in an AT BREAK statement or an IF BREAK condition was specified incorrectly. "n" must be specified as a numeric constant, with a value in the range 1-253, enclosed in slashes (/) without any leading or trailing blank characters. Example: AT BREAK OF POST-CODE /5/ . IF BREAK OF BIRTH /2/
Actn.	Correct error.

NAT0117: Word "IDENTICAL" missing in SUSPEND IDENTICAL SUPPRESS.

Text	Word "IDENTICAL" missing in SUSPEND IDENTICAL SUPPRESS.
Expl.	The word "IDENTICAL" specifies the action to be taken for the suppress operation and is therefore required.
Actn.	Correct error.

NAT0118: Value assigned to function key not format "A".

Text	Value assigned to function key not format "A".
Expl.	The value to be assigned to a function key must be specified as a literal constant, or by a user-defined variable with format "A".
Actn.	Correct error.

NAT0119: Invalid format for UNTIL value in MOVE ALL statement.

Text	Invalid format for UNTIL value in MOVE ALL statement.
Expl.	The format of the value provided with the UNTIL option must be: - a positive integer constant value, or - a variable of type "Integer", or - a variable of type "Numeric/Packed" without decimal digits. A system variable must not be used.
Actn.	Correct error.

NAT0120: Invalid program name in FETCH statement.

Text	Invalid program name in FETCH statement.
Expl.	The name of a program to be fetched by the FETCH statement may be specified as an alphanumeric constant or as the content of an alphanumeric user-defined variable.
Actn.	Correct error.

NAT0121: This statement is not permitted in structured mode.

Text	This statement is not permitted in structured mode.
Actn.	Do not use this statement, or switch to reporting mode.

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NAT0122: Only format A, C or L allowed for fields in IF SELECTION.

Text	Only format "A", "C" or "L" allowed for fields in IF SELECTION.
Expl.	The IF SELECTION statement may only be used to check the content of alphanumeric, attribute control and logical fields for non-blank contents. Only operands of the same type can be checked.
Actn.	Correct error.

NAT0123: Error in field specification for IF SELECTION statement.

Text	Error in field specification for IF SELECTION statement.
Expl.	At least one field must be specified in the IF SELECTION statement.
Actn.	Correct error.

NAT0124: Error in index notation for MOVE INDEXED statement.

Text	Error in index notation for MOVE INDEXED statement.
Expl.	The index must be specified as a numeric constant or a user-defined variable defined with format "N". Examples: MOVE INDEXED #A <5> TO #B <2> MOVE INDEXED #A <#INDEX> TO #B <#INDEX>
Actn.	Correct error.

NAT0125: No output element following DISPLAY/WRITE/INPUT.

Text	No or invalid output element following DISPLAY/WRITE/INPUT.
Expl.	At least one element must be specified in a DISPLAY, WRITE or INPUT statement. A possible cause for the error is a misspelt variable name that conflicts with the name of a Natural statement.
Actn.	Check program and correct error.

NAT0126: Error in qualification of variable.

Text	Error in qualification of variable.
Expl.	Only one level of qualification is allowed.
Actn.	Check program and correct error.

NAT0127: The word "AS" is missing in FIND AND RETAIN AS.

Text	The word "AS" is missing in FIND AND RETAIN AS.
Expl.	The word "AS" identifies that a RETAIN SET operation is to be performed and it must therefore be specified.
Actn.	Add the word "AS" to the RETAIN clause of the FIND statement.

NAT0128: Value to be used to identify set must be of format "A".

Text	Value to be used to identify set must be of format "A".
Expl.	The value used in a RETAIN clause to identify a set of records may be specified either as an alphanumeric constant or the content of an alphanumeric variable. This error may also occur if the WITH clause of a FIND statement contains a non-descriptor.
Actn.	Check program and correct error.

NAT0129: The specified set name is longer than 32 characters.

Text	The specified set name is longer than 32 characters.
Expl.	The name for a set in a RETAIN AS clause may be specified as an alphanumeric constant or the content of an alphanumeric variable. The set name must not be longer than 32 characters.
Actn.	Check program and correct error.

NAT0130: No "/" allowed immediately before keywords HORIZ or VERT.

Text	No "/" allowed immediately before keywords HORIZ or VERT.
Expl.	The keywords HORIZ(ONTALLY) and VERT(ICALLY) indicate the initiation of a new output column. As a new column cannot be placed underneath an already processed column, the character "/" - which indicates that the next element is to be placed under the previous one - cannot be used before the keywords HORIZ, VERT, HORIZONTALLY, VERTICALLY.
Actn.	Check program and correct error.

NAT0131: GET TRANSACTION DATA needs at least one variable.

Text	GET TRANSACTION DATA needs at least one variable.
Expl.	The GET TRANSACTION DATA statement must contain at least one variable in which the transaction data can be placed. This error may be caused by a misspelt variable name or by an invalid character in a variable name.
Actn.	Check program and correct error.

NAT0132: Operand not defined or not of alphanumeric format.

Text	Operand not defined or not of alphanumeric format.
Expl.	The variable that is examined in an EXAMINE statement must have been defined before and it must be of alphanumeric format.
Actn.	Check program and correct error.

NAT0133: EXAMINE or REPLACE value error in EXAMINE statement.

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Text	EXAMINE or REPLACE value error in EXAMINE statement.
Expl.	The EXAMINE value and the REPLACE value must be of alphanumeric (A) format. If a variable is used for the value, it must also be of alphanumeric (A) format. An index range is not permitted.
Actn.	Check program and correct error.

NAT0134: Error in NUMBER option of EXAMINE statement.

Text	Error in NUMBER option of EXAMINE statement.
Expl.	The error may be caused by misspelling a variable name. The NUMBER variable must be of a numeric format ("N", "P" or "I"). The NUMBER variable must be an integer. See the Natural Reference documentation, EXAMINE statement, for further information.
Actn.	Check program and correct error.

NAT0135: DELETE/REPLACE/GIVING clause missing in EXAMINE statement.

Text	DELETE/REPLACE/GIVING clause missing in EXAMINE statement.
Expl.	The EXAMINE statement requires at least one of the following clauses: REPLACE DELETE GIVING NUMBER GIVING POSITION GIVING LENGTH GIVING INDEX
Actn.	See Natural Reference documentation, EXAMINE statement, for more information. Check program and correct error.

NAT0136: Error in EXAMINE TRANSLATE statement.

Text	Error in EXAMINE TRANSLATE statement.
Expl.	In an EXAMINE TRANSLATE statement, the keyword "TRANSLATE" must be followed by "INTO UPPER", "INTO LOWER", or a USING clause. See Natural Reference documentation for further information on EXAMINE TRANSLATE statement.
Actn.	Correct error in program.

NAT0137: No object specified in RELEASE statement.

Text	No object specified in RELEASE statement.
Expl.	Possible objects to be released are: STACK - release all data items from the stack. PARAMETERS - release all parameters built during the session. SETS - release all FIND sets. SET set name - release one specific FIND set.
Actn.	Check program and correct error.

NAT0138: Identifier for FIND set must be alpha and <= 32 bytes.

Text	Identifier for FIND set must be alpha and <= 32 bytes.
Expl.	The identifier may be specified as an alphanumeric constant or the contents of an alphanumeric variable. The contents of the variable will be used to identify the FIND set. The alphanumeric value can only be up to 32 bytes long because this is the maximum length of a FIND set identification.
Actn.	Check program and correct error.

NAT0139: At least 1 data item must be specified in STACK statement.

Text	At least 1 data item must be specified in STACK statement.
Expl.	Constants or variables of the formats "A", "N" or "B" may be used as data items in a STACK statement. At least one of these items must be present in a STACK statement.
Actn.	Check program and correct error.

NAT0140: "NOT" is only possible after "AND" operation.

Text	"NOT" is only possible after "AND" operation.
Expl.	Exclusion of a set can only be done when the set name is preceded by the logical operator "AND" and followed by the operator "NOT". The set will then be excluded from the number of records that were selected up to that point.
Actn.	Restructure the logical criteria to place the set to be excluded after an AND operation.

NAT0141: Invalid keyword specified in SET GLOBALS statement.

Text	Invalid keyword specified in SET GLOBALS statement.
Expl.	The valid keywords for the SET GLOBALS statement are described in the Natural Statements documentation.
Actn.	Check program and correct error.

NAT0142: Invalid value for keyword in SET GLOBALS statement.

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Text	Invalid value for keyword in SET GLOBALS statement.
Expl.	The value for a SET GLOBALS keywords can be supplied as a constant or as a variable. If a constant is supplied, it must be alphanumeric or numeric and have a correct value; for example: PS must be numeric and in the range from 0 to 250. If a variable is supplied, it must also be of the correct type. If it is numeric, it must be an integer. See the Natural Statements documentation, SET GLOBALS statement, for more information.
Actn.	Check program and correct error.

NAT0143: Invalid format for value in SET GLOBALS statement.

Text	Invalid format for value in SET GLOBALS statement.
Expl.	The SET GLOBALS keyword in question requires an alphanumeric value. The alphanumeric value can be specified as a constant or as the content of an alphanumeric variable (format A).
Actn.	Check program and correct error.

NAT0144: Invalid keyword in SET GLOBALS statement.

Text	Invalid keyword in SET GLOBALS statement.
Expl.	The parameters SL and MD are not allowed in a SET GLOBALS statement. They may, however, be set with the system command GLOBALS.
Actn.	Check program and correct error.

NAT0145: Invalid format for value in SET GLOBALS statement.

Text	Invalid format for value in SET GLOBALS statement.
Expl.	See the Natural Reference documentation, Session Parameters, to determine the possible values for the SET GLOBALS keywords. Valid formats are integer numeric for keywords whose values are numeric and alphanumeric for keywords whose possible values are "ON/OFF" or alphanumeric characters. The values "T/F" may be used as synonyms for "ON/OFF" respectively. For example: SET GLOBALS EJ=OFF has the same meaning as SET GLOBALS EJ=F
Actn.	Check program and correct error.

NAT0146: Invalid syntax in SET GLOBALS statement.

Text	Invalid syntax in SET GLOBALS statement.
Expl.	The syntax of the SET GLOBALS statement requires that each parameter be followed by the assignment character "=", which in turn is to be followed by the value for the parameter.
Actn.	Check program and correct error.

NAT0147: No command supplied in STACK statement.

Text	No command supplied in STACK statement.
Expl.	The COMMAND option of the STACK statement was specified, but no command was provided.
Actn.	Check program and correct error.

NAT0148: Invalid format for variable in TERMINATE statement.

Text	Invalid format for variable in TERMINATE statement.
Expl.	Only variables of format "N", "I" or "P" are permitted with the TERMINATE statement. The value must lie between 0 and 255.
Actn.	Check program and correct error.

NAT0149: Format error in MOVE EDITED statement.

Text	Format error in MOVE EDITED statement.
Expl.	A field used in a MOVE EDITED statement for which an edit mask has not been defined, must be defined with alphanumeric (A) format.
Actn.	Check program and correct error.

NAT0150: Edit mask missing in MOVE EDITED statement.

Text	Edit mask missing in MOVE EDITED statement.
Expl.	A MOVE EDITED statement requires the specification of an edit mask for the sending field or the receiving field.
Actn.	Check program and correct error.

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Natural System Error Messages NAT0151-NAT0200

NAT0151: Invalid map name in INPUT statement.

Text	Invalid map name in INPUT statement.
Expl.	The name of a map to be used in an INPUT statement can be specified as a literal constant or the content of an alphanumeric variable. If a variable is used, it must have been previously defined.
Actn.	Check program and correct error.

NAT0152: Invalid map format in INPUT statement.

Text	Invalid map format in INPUT statement.
Expl.	The name of a map to be used in an INPUT statement may be specified as a literal alphanumeric constant or the content of an alphanumeric variable. If a variable is used, it must have been previously defined.
Actn.	Check program and correct error.

NAT0153: Format definition not allowed for a group name.

Text	Format definition not allowed for a group name.
Expl.	A group name is used to refer to a collection of fields as a single structure. Since this structure is defined by the formats of these fields, the group name need not have a format definition. If a field of one format is to be redefined as fields of differing formats, the REDEFINE statement should be used. Another possible cause of this error is that the level number of the next variable definition is higher than that of the variable marked, although both variables should probably be at the same level.
Actn.	Remove the format definition at the group name level, or make sure that the level numbers are correct.

NAT0154: Number of variables must match number of map fields.

Text	Number of variables must match number of map fields.
Expl.	If an INPUT USING MAP statement refers to a predefined map, the number of fields defined in the map must match the number of fields defined in the INPUT statement.
Actn.	Check program and correct error.

NAT0155: Map name must not be longer than 7 characters.

Text	Map name must not be longer than 7 characters.
Expl.	A map name can be specified as a literal constant or the content of an alphanumeric variable. The maximum length of a map name is 7 characters.
Actn.	Check program and correct error.

NAT0156: Variable format incompatible with specified map.

Text	Variable format incompatible with specified map.
Expl.	Variables used in an INPUT USING MAP statement must correspond in format and length with the corresponding elements of the map definition.
Actn.	Check program and correct error.

NAT0157: Variable length incompatible with specified map.

Text	Variable length incompatible with specified map.
Expl.	Variables used in an INPUT USING MAP statement must correspond in format and length with the corresponding elements of the map definition.
Actn.	Check program and correct error.

NAT0158: Invalid group specification in MOVE BY NAME statement.

Text	Invalid group specification in MOVE BY NAME statement.
Expl.	The operands to be specified in a MOVE BY NAME statement must be valid and existing group names. They may also be user views. Individual field names cannot be specified. If a user view is used, it must not be qualified with a statement label or source-code line number.
Actn.	Check program and correct error.

NAT0159: Fields in MOVE BY NAME or MOVE BY POSITION do not match.

Text	Fields in MOVE BY NAME or MOVE BY POSITION do not match.
Expl.	For MOVE BY NAME: No matching names were found. At least one field with the same name must exist in both groups. For MOVE BY POSITION: The number of fields in the referenced groups do no match.
Actn.	Check program and correct error.

NAT0160: Invalid descriptor in READ LOGICAL statement.

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Text	Invalid descriptor in READ LOGICAL statement.
Expl.	Descriptors that are multiple-valued are not permitted in the THRU or ENDING AT clause of a READ statement. Phonetic descriptors must not be used in a READ statement. A field contained in a periodic group must not be used as search field in a READ statement.
Actn.	Check program and correct error.

NAT0161: ROUNDED clause not allowed with DIVIDE REMAINDER.

Text	ROUNDED clause not allowed with DIVIDE REMAINDER.
Expl.	In a DIVIDE statement, you can use either the ROUNDED option to have the result of the division rounded, or the REMAINDER option to have the remainder of the division placed into a separate field. As there can be no remainder with a rounded result, it obviously makes no sense to use both options at the same time and is therefore not permitted.
Actn.	Use ROUNDED option or REMAINDER option, but not both.

NAT0162: Floating format not allowed for DIVIDE REMAINDER.

Text	Floating format not allowed for DIVIDE REMAINDER.
Expl.	When you use the REMAINDER option in a DIVIDE statement, the format of the divisor and the dividend must not be "F" (floating point).
Actn.	Check program and correct error.

NAT0163: Specification of level missing in DEFINE DATA statement.

Text	Specification of level missing in DEFINE DATA statement.
Expl.	In a DEFINE DATA statement, there must be an integer level number before each variable, group, view, REDEFINE definition.
Actn.	Check program and correct error.

NAT0164: Illegal syntax for name after level number.

Text	Illegal syntax for name after level number.
Expl.	In a DEFINE DATA statement, the level specification must be followed by a valid name of a variable, group or view. See Natural Reference documentation, General Information (Naming Conventions) and DEFINE DATA statement, for rules on naming variables.
Actn.	Correct error in program.

NAT0165: Inconsistency in data structure of DEFINE DATA statement.

Text	Inconsistency in data structure of DEFINE DATA statement.
Expl.	An inconsistency in the data structure of a DEFINE DATA statement has been detected.
Actn.	Check specification of levels and variable definitions.

NAT0166: Invalid variable definition in DEFINE DATA statement.

Text	Invalid variable definition in DEFINE DATA statement.
Expl.	An invalid definition of the DEFINE DATA statement has been detected.
Actn.	Check and correct variable definition.

NAT0167: Duplicate specification of a view name detected.

Text	Duplicate specification of a view name detected.
Expl.	View names in the data structure of a program must be unique.
Actn.	Check view names of each GLOBAL, PARAMETER and LOCAL data structure.

NAT0168: INTO constant not allowed in DIVIDE without GIVING clause.

Text	INTO constant not allowed in DIVIDE without GIVING clause.
Expl.	If your DIVIDE statement does not have a GIVING clause, the result will be place into the operand after keyword "INTO"; in this case, the INTO operand cannot be a constant. If you require the INTO operand to be a constant, use a GIVING clause to specify a result field.
Actn.	Check program and correct error.

NAT0169: Error in EM, HD, PM definition or in format/length.

Text	Error in EM, HD, PM definition or in format/length.
Expl.	An invalid specification of one of the following parameters in the DEFINE DATA statement was detected: EM (edit mask), HD (header), PM (presentation mode). Or the format/length of a field is invalid. See the Natural Reference documentation, DEFINE DATA statement for details.
Actn.	Check program and correct error.

NAT0170: A variable must be specified in INTO clause of SEPARATE.

Text	A variable must be specified in INTO clause of SEPARATE.
Expl.	A variable, not a constant, must be specified with the INTO clause of the SEPARATE statement.
Actn.	Check program and correct error.

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NAT0171: SEPARATE, INTO and DELIMITER fields must be alphanumeric.

Text	SEPARATE, INTO and DELIMITER fields must be alphanumeric.
Expl.	Only alphanumeric fields can be used in a SEPARATE statement (except for the NUMBER option).
Actn.	Check program and correct error.

NAT0172: The INTO clause is missing in a SEPARATE statement.

Text	The INTO clause is missing in a SEPARATE statement.
Expl.	The keyword "INTO", followed by one or more operands, is required in a SEPARATE statement.
Actn.	Check program and correct error.

NAT0173: The keyword "NUMBER" is missing in a GIVING clause.

Text	The keyword "NUMBER" is missing in a GIVING clause.
Expl.	If "GIVING" is used, the keyword "NUMBER" is also required.
Actn.	Check program and correct error.

NAT0174: The field after NUMBER must be a numeric integer (N,I,P).

Text	The field after NUMBER must be a numeric integer (N,I,P).
Expl.	The field specified in the GIVING NUMBER clause of a SEPARATE statement must be a numeric integer; that is, its format must be one of the following: I N (without decimal digits) P (without decimal digits)
Actn.	Check program and correct error.

NAT0175: Source field and at least one target field are required.

Text	Source field and at least one target field are required.
Expl.	The source field in a SEPARATE statement may be an alphanumeric constant or variable. At least one target field, which must be an alphanumeric variable, must be specified.
Actn.	Check program and correct error.

NAT0176: Error in POSITION field of EXAMINE statement.

Text	Error in POSITION field of EXAMINE statement.
Expl.	The error may be caused by misspelling a variable name used as a reference to the POSITION variable. The variable must be of numeric format (N, I or P), and it must also be an integer (no decimal digits).
Actn.	Check program and correct error.

NAT0177: Error in LENGTH field of EXAMINE statement.

Text	Error in LENGTH field of EXAMINE statement.
Expl.	The error may be caused by misspelling a variable name used as reference to the LENGTH variable. This variable must be of numeric format (N,I,B or P), and it must be an integer (no decimal digits).
Actn.	Check program and correct error.

NAT0178: Error in INDEX field of EXAMINE statement.

Text	Error in INDEX field of EXAMINE statement.
Expl.	The error may be caused by misspelling a variable name used as reference to an INDEX variable. The variables must be of numeric format (N,I,B or P), and they must be integers (no decimal digits). The number of INDEX variables must equal the number of dimensions contained in the examined array.
Actn.	Check program and correct error.

NAT0179: Invalid keyword in GIVING clause of EXAMINE statement.

Text	Invalid keyword in GIVING clause of EXAMINE statement.
Expl.	The following keywords are valid after GIVING: NUMBER POSITION LENGTH INDEX If more than one keyword is specified, they must be specified in the order indicated above.
Actn.	Check program and correct error.

NAT0180: Word "TEXT" missing after "WITH" in INPUT statement.

Text	Word "TEXT" missing after "WITH" in INPUT statement.
Expl.	The word "TEXT" is a required part of the WITH TEXT clause.
Actn.	Check program and correct error.

NAT0181: Error in specification of a variable in WITH TEXT clause.

Text	Error in specification of a variable in WITH TEXT clause.
Expl.	See Natural Reference documentation, INPUT or REINPUT statement, for details
Actn.	Check program and correct error.

NAT0182: Invalid parameter list for WITH TEXT clause.

Text	Invalid parameter list for WITH TEXT clause.
Expl.	See Natural Reference documentation, INPUT or REINPUT statement, for details
Actn.	Check program and correct error.

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NAT0183: No more than 9 parameters allowed in WITH TEXT clause.

Text	No more than 9 parameters allowed in WITH TEXT clause.
Actn.	Check program and correct error.

NAT0184: Specification error in variable of MARK clause.

Text	Specification error in variable of MARK clause.
Expl.	The variable must be a numeric integer and must have been previously defined.
Actn.	Check program and correct error.

NAT0185: Keyword "ALARM" is required after "AND" or "SOUND".

Text	Keyword "ALARM" is required after "AND" or "SOUND".
Expl.	The keyword "ALARM" is a required keyword to identify the ALARM option; the keywords "AND" and "SOUND" may be omitted.
Actn.	Check program and correct error.

NAT0186: Keywords DO and DOEND not permitted in structured mode.

Text	Keywords DO or DOEND not permitted in structured mode.
Expl.	You wanted to use a DO/DOEND statement group in structured mode; however, DO/DOEND statement groups are only permitted in reporting mode. In structured mode, explicit END-... statements are used to indicate the end of a statement block; for example: AT BREAK DO...DOEND becomes AT BREAK...END-BREAK AT END OF DATA DO...DOEND becomes AT END OF DATA...END-ENDDATA AT END OF PAGE DO...DOEND becomes AT END OF PAGE...END-ENDPAGE AT START OF DATA DO...DOEND becomes AT START OF DATA...END-START AT TOP OF PAGE DO...DOEND becomes AT TOP OF PAGE...END-TOPPAGE IF...DO..DOEND ELSE DO...DOEND becomes IF...THEN...ELSE...END-IF ON ERROR DO...DOEND becomes ON ERROR...END-ERROR BEFORE BREAK DO...DOEND becomes BEFORE BREAK...END-BEFORE PERFORM BREAK DO...DOEND becomes PERFORM BREAK...END-BREAK
Actn.	Select reporting mode or use the correct syntax.

NAT0187: The LOOP statement is not permitted in structured mode.

Text	The LOOP statement is not permitted in structured mode.
Expl.	You wanted to use the statement LOOP in structured mode; however, the LOOP statement is only permitted in reporting mode. In structure mode, a loop is not closed with a LOOP statement but with an explicit loop-closing END-... statement; for example: Reporting Mode: FIND ... LOOP Structured Mode: FIND ... END-FIND
Actn.	Select reporting mode or use structured mode syntax.

NAT0188: SORT without END-ALL is not permitted in structured mode.

Text	SORT without END-ALL is not permitted in structured mode.
Expl.	In structured mode, a processing loop initiated with a SORT statement must be closed with an END-ALL statement.
Actn.	Check program and correct error.

NAT0189: END-ALL must be followed by SORT in structured mode.

Text	END-ALL must be followed by SORT in structured mode.
Actn.	Check program and correct error.

NAT0190: Invalid placement of UNTIL or WHILE clause.

Text	Invalid placement of UNTIL or WHILE clause.
Expl.	An UNTIL or WHILE clause must be specified either immediately after the keyword "REPEAT"; or immediately before the "END-REPEAT". Examples: 1. REPEAT UNTIL logical-condition statements END-REPEAT 2. REPEAT statements UNTIL logical-condition END-REPEAT
Actn.	Check program and correct error.

NAT0191: Loop-ending statement missing after UNTIL/WHILE.

Text	Loop-ending statement missing after UNTIL/WHILE.
Expl.	In structured mode, a REPEAT ... UNTIL/WHILE processing loop must be closed with "END-REPEAT". In reporting mode, it must be closed with "LOOP".
Actn.	Check program and correct error.

NAT0192: Destination missing in ESCAPE statement.

Text	Destination missing in ESCAPE statement.
Expl.	The ESCAPE statement requires extra keywords to specify the destination: - ESCAPE TOP - ESCAPE BOTTOM or ESCAPE BOTTOM IMMEDIATE - ESCAPE ROUTINE or ESCAPE ROUTINE IMMEDIATE See the Natural Reference documentation for more information.
Actn.	Check program and correct error.

NAT0193: Keyword "ON" or "FOR" missing in DECIDE statement.

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Text	Keyword "ON" or "FOR" missing in DECIDE statement.
Expl.	The keyword "DECIDE" must be followed either by "ON" or by "FOR".
Actn.	Check program and correct error.

NAT0194: Invalid syntax in DECIDE FOR statement.

Text	Invalid syntax in DECIDE FOR statement.
Expl.	See Natural Reference documentation for information on correct DECIDE FOR syntax.
Actn.	Check program and correct error.

NAT0195: Specified field must not be an array range.

Text	Specified field must not be an array range.
Actn.	Check program and correct error.

NAT0196: GIVING INDEX is only allowed for indexable variables.

Text	GIVING INDEX is only allowed for indexable variables.
Actn.	Check program and correct error.

NAT0197: Variable format not permitted in this statement.

Text	Variable format not permitted in this statement.
Expl.	1. A variable of format "C" is not permitted in a DISPLAY, WRITE, INPUT, PRINT, STACK, RUN and FETCH statement. 2. A variable of format HANDLE OF OBJECT can not be used in this statement.
Actn.	Check program and correct error.

NAT0198: No more than 128 parameters allowed in CALL statement.

Text	No more than 128 parameters allowed in CALL statement.
Expl.	In a CALL statement, the maximum number of parameters that can be specified is 128.
Actn.	Check program and correct error.

NAT0199: Label defined twice or same as view/level-1-variable name.

Text	Label defined twice or same as view/level-1-variable name.
Expl.	Within a Natural module, a label must not be equal to another label, a view name or a variable name defined on level 1.
Actn.	Check program and correct error.

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 Natural System Error Messages NAT0151-NAT0200

NAT0200: Error in INCLUDE source lines.

Text	Error in INCLUDE source lines.
Expl.	See Natural Statements documentation, INCLUDE, for more information.
Actn.	Check program and correct error.

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Natural System Error Messages NAT0201-NAT0250

NAT0201: Dependent variable value in PLOT must be numeric.

Text	Dependent variable value in PLOT must be numeric.
Expl.	The value of the dependent variable in a PLOT statement must be numeric.
Actn.	Correct error in program.

NAT0202: Keyword "BY" is missing in PLOT statement.

Text	Keyword "BY" is missing in PLOT statement.
Expl.	When a graph is to be produced, the keyword "BY" indicates the groupings of values and is therefore required. See Natural GRAPHICS documentation for details.
Actn.	Check program and correct error.

NAT0203: Keyword "PLOT" missing in DRAW statement.

Text	Keyword "PLOT" missing in DRAW statement.
Expl.	In a DRAW statement, the keyword "PLOT" and the subsequent plot name identify the data accumulated in a preceding PLOT statement which are used to draw the graph.
Actn.	Check program and correct error.

NAT0204: Invalid or undefined plot name in DRAW statement.

Text	Invalid or undefined plot name in DRAW statement.
Expl.	A plot name must be unique in a Natural program; it may be 1 - 32 characters long and must conform to the naming conventions for user-defined variables as described in the Natural documentation. In a DRAW statement, the name of an existing plot, as defined in the corresponding PLOT statement, must be used to refer to that PLOT statement and thus identify the data to be used to produce the chart.
Actn.	Check program and correct error.

NAT0205: Invalid layout name used in DRAW statement.

Text	Invalid layout name used in DRAW statement.
Expl.	The name of the layout must be built according to the rules for variable names.
Actn.	Check program and correct error.

NAT0206: Invalid or duplicate plot name in PLOT statement.

Text	Invalid or duplicate plot name in PLOT statement.
Expl.	A plot name must be unique in a Natural program; it may be 1 - 32 characters long and must conform to the naming conventions for user-defined variables (as described in the Natural Reference documentation).
Actn.	Check program and correct error.

NAT0207: REDEFINE group not allowed in DEFINE DATA PARAMETER.

Text	REDEFINE group not allowed in DEFINE DATA PARAMETER.
Expl.	Only elementary fields may be defined in a DEFINE DATA PARAMETER statement.
Actn.	Check program and correct error.

NAT0208: Invalid option specified in DRAW statement.

Text	Invalid option specified in DRAW statement.
Expl.	See Natural GRAPHICS documentation for a detailed explanation of the options that can be used in a DRAW statement.
Actn.	Check program and correct error.

NAT0209: Invalid parameter in Natural GRAPHICS call.

Text	Invalid parameter in Natural GRAPHICS call.
Expl.	See Natural GRAPHICS documentation for the a detailed explanation of the parameters to be used in the graphics calls.
Actn.	Check program and correct error.

NAT0210: Invalid heading or label length in DRAW statement.

Text	Invalid heading or label length in DRAW statement.
Expl.	See Natural GRAPHICS documentation for a detailed explanation of heading text and axis labels.
Actn.	Check program and correct error.

NAT0211: Invalid option specified with GRAPHICS command.

Text	Invalid option specified with GRAPHICS command.
Expl.	See Natural GRAPHICS documentation for a detailed explanation of the options that can be used in a GRAPHICS command.
Actn.	Check program and correct error.

NAT0212: Plot specified in DRAW statement is not initialized.

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Text	Plot specified in DRAW statement in not initialized.
Expl.	The array of plot values to be referenced by a DRAW statement must have been previously initialized during the execution of the Natural program before being available for a DRAW operation.
Actn.	Check program and correct error.

NAT0213: Invalid range value in DRAW statement.

Text	Invalid range value in DRAW statement.
Expl.	The range value of the DRAW statement must agree with the range previously defined by the corresponding PLOT statement.
Actn.	Check program and correct error.

NAT0214: Specify "FIRST" or "EVERY" in DECIDE statement.

Text	Specify "FIRST" or "EVERY" in DECIDE statement.
Expl.	See Natural Statements documentation for an explanation of the DECIDE statement.
Actn.	Check program and correct error.

NAT0215: Keyword "VALUE" missing in DECIDE ON statement.

Text	Keyword "VALUE" missing in DECIDE ON statement.
Expl.	The keyword "VALUE" (or "VALUES") is a required part of the DECIDE ON syntax.
Actn.	Check program and correct error.

NAT0216: Invalid field specification in DECIDE ON statement.

Text	Invalid field specification in DECIDE ON statement.
Expl.	See Natural Statements documentation for information on how to specify fields correctly in a DECIDE ON statement.
Actn.	Check program and correct error.

NAT0217: Invalid specification of value field in DECIDE ON.

Text	Invalid specification of value field in DECIDE ON.
Expl.	The value field(s) following the keyword "VALUE(S)" in a DECIDE ON statement were not specified correctly. See Natural Statements documentation for details.
Actn.	Check program and correct error.

NAT0218: Error in construction of DECIDE ON/DECIDE FOR statement.

Text	Error in construction of DECIDE ON/DECIDE FOR statement.
Expl.	See Natural Statements documentation for information on correct syntax for the statements DECIDE FOR and DECIDE ON.
Actn.	Check program and correct error.

NAT0219: ALL clause is only allowed with DECIDE FOR/ON EVERY.

Text	ALL clause is only allowed with DECIDE FOR/ON EVERY.
Expl.	The ALL clause can only be used with DECIDE FOR EVERY and DECIDE ON EVERY, not for DECIDE FOR FIRST or DECIDE ON FIRST.
Actn.	Check program and correct error.

NAT0220: Statement not allowed or keyword COMPUTE/ASSIGN required.

Text	Statement not allowed or keyword COMPUTE/ASSIGN required.
Expl.	Either the statement is not allowed; or you are programming in structured mode, in which case the keywords "COMPUTE" and "ASSIGN" must not be omitted.
Actn.	Check program and correct error.

NAT0221: Only format "A", "B", "N" allowed for MOVE ALL statement.

Text	Only format "A", "B", "N" allowed for MOVE ALL statement.
Expl.	In a MOVE ALL statement, the values to be moved must be of alphanumeric, binary or numeric format.
Actn.	Check program and correct error.

NAT0222: Syntactical errors prevent execution of program.

Text	Syntactical errors prevent execution of program.
Expl.	In batch mode, Natural always continues the syntax checking of a program even after an error has been detected. A program containing a syntactical error cannot be executed because the compiled code does not agree with the source input.
Actn.	Check program and correct error.

NAT0223: Keyword "MAP" or "FORM" is required after "USING".

Text	Keyword "MAP" or "FORM" is required after "USING".
Actn.	Check program and correct error.

NAT0224: Input map in WRITE or write map in INPUT statement.

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Text	Input map in WRITE or write map in INPUT statement.
Expl.	Either you have specified in a WRITE USING MAP statement the name of a map which is an input map, not an output map; or you have specified in an INPUT USING MAP statement the name of a map which is an output map, not an input map. Whether a map is an input or output (write) map is indicated in its Map Settings.
Actn.	Check program and correct error.

NAT0225: GIVING LENGTH is only valid for non-indexable variables.

Text	GIVING LENGTH is only valid for non-indexable variables.
Actn.	Check program and correct error.

NAT0226: An empty statement block is not allowed.

Text	An empty statement block is not allowed.
Expl.	The only way of having a statement block which does nothing is by filling it with an IGNORE statement.
Actn.	Correct error in program.

NAT0227: Invalid variable/constant in DELIMITER clause.

Text	Invalid variable/constant in DELIMITER clause.
Expl.	A DELIMITER may be an alphanumeric constant or variable character string.
Actn.	Check program and correct error.

NAT0228: Block structure of GDA must be specified in WITH clause.

Text	Block structure of GDA must be specified in WITH clause.
Expl.	In this GDA, a block structure is defined. The block structure must be specified in the WITH clause of DEFINE DATA GLOBAL USING.
Actn.	Check program and correct error.

NAT0229: Invalid use of WITH clause in UPDATE or STORE statement.

Text	Invalid use of WITH clause in UPDATE or STORE statement.
Expl.	If an UPDATE or STORE statement is based on a view defined with DEFINE DATA or within a data area, the use of the WITH clause is not permitted. An UPDATE or STORE statement always includes all fields when it applies to a view.
Actn.	Remove the WITH clause from the UPDATE/STORE statement.

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NAT0230: Operand type not supported.

Text	Operand type not supported.
Expl.	Operands defined as - alpha/binary DYNAMIC, - alpha with a length of more than 253 bytes or - binary with a length of more than 126 bytes are not supported at this position.
Actn.	Check program and correct error.

NAT0231: Only NSD in linkage attributes allowed here.

Text	Only NSD in linkage attributes allowed here.
Expl.	An NSD attribute is an element associated with a view. In the FIND statement, one expects to find an attribute name following the "VIA" keyword in a REFERENCED, REFERENCING or RECURSIVELY clause. In the SHOW statement, one expects to find attributes following SHOW (or SHOW RECURSIVELY) in brackets as follows: SHOW ATTR1(ATTR2(ATTR3))
Actn.	Check that the attribute is found in the view specified by "L F <view-name>" and correct the source accordingly.

NAT0233: Level number must be numeric integer.

Text	Level number must be numeric integer.
Expl.	This refers to the level of recursion a FIND statement execution is to go to. The level number must be numeric. For further information, please refer to the FIND statement, UNTIL clause, in the Entire DB Programmer"s Guide.
Actn.	Correct error in program.

NAT0234: "ERE SET" must start with a category name.

Text	"ERE SET" must start with a category name.
Expl.	In a FIND statement, after the FIND header for an Entire view, the syntax logic searches for components called "ERE SET"s. An "ERE SET" begins with a view name and ends with a search criterion. The search criterion finishes when a Natural keyword or the view name of the next "ERE SET" is encountered. When neither of these conditions is met, this error appears; and the syntax analysis cannot proceed.
Actn.	Check source code and correct error.

NAT0235: ISN must be an integer value.

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Text	ISN must be an integer value.
Expl.	In a FIND statement, ISN values in the RELATIONSHIP or ISN clauses of the basic search criterion must be integer values. The ISNs to be found are only numeric. For further information, please refer to the FIND statement, RELATIONSHIP and ISN clauses of the basic search criterion, in the Entire DB Programmer"s Guide.
Actn.	Correct error in program.

NAT0236: Equal sign "=" missing after Entire keyword.

Text	Equal sign "=" missing after Entire keyword.
Expl.	This error can occur in two Entire statements: 1) FIND view-name WITH ISN = 12335 The equal sign is necessary in the ISN clause of the basic search criterion of the FIND statement. 2) DLOGON USER = "XXX" PASSWORD = "YYY" LIBRARY = "LLL" APPLICATION = "AER" AUTHORIZATION = A In this syntax form of the DLOGON statement, the equal sign must follow each keyword. For further information, see FIND and DLOGON statements in the Entire DB Programmer"s Guide.
Actn.	Correct error in program.

NAT0237: Unmatched closing parenthesis.

Text	Unmatched closing parenthesis.
Expl.	Entire DB checks whether each opening parenthesis is paired with a corresponding closing parenthesis.
Actn.	Correct error in program.

NAT0238: Invalid operator in descriptor search criterion.

Text	Invalid operator in descriptor search criterion.
Expl.	In a FIND statement, the following operators are valid in a descriptor search criterion: = (equal to) ^= (not equal) < (less than) <= (less equal) > (greater than) >=(greater equal) In descriptor search criteria (following WITH), only the above operators are allowed after the attribute (NAME or LINE-NUMBER). See FIND statement in Entire DB Programmer"s Guide for further information.
Actn.	Correct error in program.

NAT0239: Move values for Entire must be integer values.

Text	Move values for Entire must be integer values.
Expl.	A move value is a constant or variable moved into the search buffer of an Entire call at runtime. When this message appears, a numeric value is expected: integer, numeric unpacked or packed without decimal digits, but not binary.
Actn.	Correct error in program.

NAT0240: Alphanumeric format expected here.

Text	Alphanumeric format expected here.
Expl.	This constant or variable must be of alphanumeric format. For further information on valid formats for FIND and DLOGON statements, see Entire DB Programmer"s Guide.
Actn.	Correct error in program.

NAT0242: Open bracket "(" expected.

Text	Open bracket "(" expected.
Expl.	Entire DB checks for open parentheses in the NATIVE and RELATIONSHIP clauses of the FIND statement. Clause elements must be enclosed in parentheses. See FIND statement in the Entire DB Programmer"s Guide for further information.
Actn.	Correct error in program.

NAT0243: Syntax error in DEFINE DATA statement/structure.

Text	Syntax error in DEFINE DATA statement/structure.
Expl.	See Natural Reference documentation for information on DEFINE DATA syntax.
Actn.	Check program and correct error.

NAT0244: "GLOBAL" must be followed by "USING" and GDA name.

Text	"GLOBAL" must be followed by "USING" and GDA name.
Expl.	A global data area (GDA) is always a separate object, never part of the data definition within the DEFINE DATA statement of a program. The GDA is referenced in the GLOBAL clause of the DEFINE DATA statement with the following syntax: DEFINE DATA GLOBAL USING name-of-gda ... END-DEFINE
Actn.	Check program and correct error.

NAT0245: Invalid use/order of clauses in DEFINE DATA statement.

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Text	Invalid use/order of clauses in DEFINE DATA statement.
Expl.	The sequence of clauses in the DEFINE DATA statement is: DEFINE DATA GLOBAL USING PARAMETER OBJECT LOCAL In a subsequent validation rule, only DEFINE DATA LOCAL is allowed.
Actn.	Make sure that the clauses are in the correct order.

NAT0246: Invalid usage of format "C"/"L" variable.

Text	Invalid usage of format "C"/"L" variable.
Expl.	Data types "C" (control) and "L" (logic) can not be used in the following statements: - GET TRANSACTION DATA - END TRANSACTION - SORT.
Actn.	Check program and correct error.

NAT0247: Error in automatic parameter :1: for map.

Text	Error in automatic parameter ... for map.
Expl.	A parameter which is included for a constant input map or write map without explicit parameter specification is invalid or undefined.
Actn.	Correct error in program.

NAT0248: Invalid USING variable in PROCESS statement.

Text	Invalid USING variable in PROCESS statement.
Expl.	The left part of the ASSIGN variable in the USING clause of the PROCESS statement must be part of the view defined to Natural PROCESS.
Actn.	Check program and correct error.

NAT0249: Error in "ASSIGN" of Natural PROCESS "USING" clause.

Text	Error in "ASSIGN" of Natural PROCESS "USING" clause.
Actn.	Check program and correct error.

NAT0250: Error in GIVING clause of Natural "PROCESS" statement.

Text	Error in GIVING clause of Natural "PROCESS" statement.
Actn.	Check program and correct error.

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Natural System Error Messages NAT0251-NAT0300

NAT0251: File/DDM not defined for PROCESS statement.

Text	File/DDM not defined for PROCESS statement.
Actn.	Check program and correct error.

NAT0252: Library must not be specified in security environment.

Text	Library must not be specified in security environment.
Expl.	In an environment which is protected by Natural Security, the specification of a library is not possible.
Actn.	Do not specify a library.

NAT0253: Statement not allowed for DB2 access.

Text	Statement not allowed for DB2 access.
Expl.	The following statements and constructions are not supported by DB2: 1. FIND UNIQUE 2. FIND COUPLED 3. FIND FIRST 4. FIND ... RETAIN AS 5. GET 6. any reference to *ISN 7. END TRANSACTION within an open database loop 8. BACKOUT TRANSACTION within an open database loop
Actn.	Correct error in program.

NAT0254: Receiving field of VAL function has invalid format.

Text	Receiving field of VAL function has invalid format.
Expl.	The format and length must be the same as that of the target. This mathematical function extracts the numeric value from an alphanumeric field. The content of the alphanumeric field must be the charcter representation of a numeric value. Leading or trailing blanks are permitted. Decimal point and leading sign character will be processed.
Actn.	Do not use formats A (alphanumeric) or B (binary).

NAT0255: General syntax error detected in program.

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Text	General syntax error detected in program.
Expl.	A general syntax error was detected while syntax checking a source program. This message is output for various miscellaneous syntax errors for which Natural does not provide specific error messages.
Actn.	Check program and correct error.

NAT0256: Invalid entry in command line.

Text	Invalid entry in command line.
Expl.	The structure of the command does not require the parameters that have been specified in the command line. Natural checks that the parameter specification agrees with the parameter structure expected by the individual command. Another reason for this error is that ADHOC is missing in batch mode.
Actn.	Check command structure and resubmit.

NAT0257: Only operators "EQUAL", "NOTEQUAL" valid with MASK/SCAN.

Text	Only operators "EQUAL", "NOTEQUAL" valid with MASK/SCAN.
Expl.	It is not possible to evaluate the operators GREATER or LESS THAN for a value when only certain positions are included in the comparison. Therefore, the only logical operator that are allowed with the special compare function MASK and SCAN are "EQUAL" and "NOTEQUAL".
Actn.	Restructure the logical criteria to only use operators "EQUAL" or "NOTEQUAL" with the functions MASK and SCAN.

NAT0258: Incorrect MASK argument construction.

Text	Incorrect MASK argument construction.
Expl.	The mask value must be enclosed in parentheses and may only contain the elements as described in the Natural Reference documentation (see also extended error message NAT0017).
Actn.	Check program and correct error.

NAT0259: Invalid MASK construction for date check.

Text	Invalid MASK construction for date check.
Expl.	When a date check is to be performed, the specification for month/day/year must be 2 characters each (MM/DD/YY); for year, 4 characters (YYYY) may also be used.
Actn.	Check program and correct error.

NAT0260: Error in text list construction; contact administrator.

Text	Error in text list construction; contact administrator.
Expl.	A discrepancy was detected in the number of alternative entries in the text list and the syntax list. The error is caused by an invalid modification of the text list. New entries can only be inserted in the text list by using the macro CSYN for synonym, not the macro CALT for alternative.
Actn.	Retain the keyword on which the error has been detected and contact your Natural administrator.

NAT0261: END statement missing.

Text	END statement missing.
Expl.	The last statement of a Natural program must always be END. Alternatively, a period "." may be used.
Actn.	Check program and correct error.

NAT0262: Incorrect number of digits/value out of range.

Text	Incorrect number of digits/value out of range.
Expl.	For a field of format N or P, the overall maximum number of digits is 29, and the maximum number of digits after the decimal point is 7. For a field of format F the value specified must be in the range of values as described in the Natural Reference documentation, section General Information, section Floating Point Constants
Actn.	Correct error in program.

NAT0263: Invalid MASK construction for range check.

Text	Invalid MASK construction for range check.
Expl.	If a range check is to be performed, both values for the supplied range must have the same number of positions. Leading zeros must be supplied, as it is a check for positions in the value and the number of digits supplied in the range value. The number of positions to be included in the range check must also be specified.
Actn.	Check program and correct error.

NAT0264: Length of alphanumeric constant 0 or > 253 characters.

Text	Length of alphanumeric constant 0 or > 253 characters.
Expl.	The length of an alphanumeric constant must be from 1 to 253 characters.
Actn.	Check program and correct error.

NAT0265: Odd number of hexadecimal characters specified.

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Text	Odd number of hexadecimal characters specified.
Expl.	Hexadecimal notation for literal constants requires that 2 characters be used to represent the content of 1 byte internally. Consequently, a hexadecimal notation must contain an even number of characters.
Actn.	Correct error.

NAT0266: Number of bytes defined by hexadecimal constant > 80.

Text	Number of bytes defined by hexadecimal constant > 80.
Expl.	Hexadecimal constants are converted to internal byte representation in an intermediate buffer of 80 bytes. If literal constants of more than 80 bytes internal representation are to be defined, use the notation "XXXXXX"-"XXXXXX" to enter the value in multiple segments.
Actn.	Check program and correct error.

NAT0267: Invalid file specification in COUPLED clause.

Text	Invalid file specification in COUPLED clause.
Expl.	The file specified in a COUPLED clause must be an Adabas file which has been physically coupled using the appropriate Adabas utility program. The file must not be a logical Natural system file.
Actn.	Check program and correct error; or contact your Natural administrator about the file status.

NAT0268: Invalid format/length for database count variable.

Text	Invalid format/length for database count variable.
Expl.	The format of the count variable for a periodic-group name or multiple-value field must be N or P. No decimal digits are permitted.
Actn.	Check program and correct error.

NAT0269: Invalid descriptor in SORTED BY clause.

Text	Invalid descriptor in SORTED BY clause.
Expl.	The descriptor specified in the SORTED BY clause cannot be within a periodic group. If the descriptor is a multiple-value field, an index value must not be used.
Actn.	Check program and correct error.

NAT0270: Invalid use of variable index notation.

Text	Invalid use of variable index notation.
Expl.	Variable index notation is not permitted with a search variable in the WITH clause of a FIND statement.
Actn.	Check program and correct error.

NAT0271: Page width (line size) exceeded in DISPLAY statement.

Text	Page width (line size) exceeded in DISPLAY statement.
Expl.	The total number of positions required for all columns resulting from a DISPLAY statement must not exceed the logical page size.
Actn.	Reduce number of fields being displayed, or reduce spacing between columns, or increase the logical page size (where applicable), or place multiple values vertically in the same column.

NAT0272: Invalid value format or incompatible field format.

Text	Invalid value format or incompatible field format.
Expl.	In a SCAN operation, the format of the value to be scanned for must be "A" or "B"; the format of the field to be scanned must be "A", "N" or "P". The length of the value must be less than the length of the field. The format combination in a WHERE, IF, ACCEPT, REJECT criterion is incompatible.
Actn.	Check program and correct error.

NAT0273: Error :1: in line :2: of data area :3: processing :4:.

Text	Error ... in line ... of data area ... processing ....
Expl.	As indicated in the error message, an error has occurred in a specific line of a data area while processing a variable.
Actn.	Correct error in data area.

NAT0274: Error :1: in line :2: of copycode :3: processing :4:.

Text	Error ... in line ... of copycode ... processing ....
Expl.	As indicated in the error message, an error has occurred in a specific line of a copycode while processing a variable.
Actn.	Correct error in copycode.

NAT0275: RETRY statement only allowed in ON ERROR statement block.

Text	RETRY statement only allowed in ON ERROR statement block.
Expl.	The RETRY statement can only be used as a response to error NAT3145, which indicates that a record to be read for update is currently in "hold" status for another user.
Actn.	Check program and correct error.

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NAT0276: Invalid reference to count of field in periodic group.

Text	Invalid reference to count of field in periodic group.
Expl.	When referencing the count of the number of occurrences of an elementary field within a periodic group, the name of the periodic group must be used, not the the name of the elementary field.
Actn.	Check program and correct error.

NAT0277: A global variable must not redefine another variable.

Text	A global variable must not redefine another variable.
Expl.	For reasons of addressability, parameter variables must not be defined by redefining an already existing variable.
Actn.	Check program and correct error.

NAT0278: Value to be used in SET CONTROL must be format "A".

Text	Value to be used in SET CONTROL must be format "A".
Expl.	The value (constant or variable) used to specify a terminal command with a SET CONTROL statement must be alphanumeric.
Actn.	Check program and correct error.

NAT0279: Count requested for a non-array field.

Text	Count requested for a non-array field.
Expl.	The count field only exists for database fields that are defined as multiple-value fields, periodic groups, or multiple-value fields within a periodic group. If the count of a multiple-value field within a periodic group is to be accessed, an index must be specified to indicate the occurrence of the multiple-value field in the periodic group for which the count is being requested. The field for which you have requested a count of occurrences is neither a multiple-value field nor a periodic group.
Actn.	Check program and correct error.

NAT0280: Index entry incorrectly specified for field.

Text	Index entry incorrectly specified for field.
Expl.	An index was specified for a variable for which indexing is not permitted. Index specifications may only be used when defining/referencing an array. A database array can only be defined for a multiple-value field and for fields within a periodic group. When referencing an array, an index range specification was detected which exceeds the index range defined for one of its dimensions.
Actn.	Check program and correct error.

NAT0281: Index entry missing or invalid for an array.

Text	Index entry missing or invalid for an array.
Expl.	When a multiple-value field or a field within a periodic group is referenced, an index must be specified to indicate the occurrence of the value to be selected. Default indices are created in WRITE or DISPLAY statements based on the setting of the session parameters MC and PC. A variable to be used as a variable index must have been previously defined before it can be used as an index notation. If a non-database field has been defined as an array, an index for each dimension must be specified when referencing the field.
Actn.	Check program and correct error.

NAT0282: Only one index/range specification allowed.

Text	Only one index/range specification allowed.
Expl.	For multiple-value fields, or fields within a periodic group, only one index or range of indices may be specified. Two indices are only allowed for multiple-value fields within a periodic group.
Actn.	Check program and correct error.

NAT0283: Field or variable defined more than once.

Text	Field or variable defined more than once.
Expl.	A variable or database field can only be defined once using a format/length specification. When the variable is referenced in the program, no further format/length specification is possible.
Actn.	Check program and correct error.

NAT0284: Field in WHERE clause/UPDATE/STORE not in current file.

Text	Field in WHERE clause/UPDATE/STORE not in current file.
Expl.	The WHERE clause and the statements UPDATE and STORE only allow reference to fields that are derived from the file that is accessed via the current database access statement. Do not use a specific reference for fields in a WHERE clause or on the left side of a SET (WITH) clause within an UPDATE/STORE statement.
Actn.	Check program and correct error.

NAT0285: Field reference error; reference invalid or missing.

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Text	Field reference error; reference invalid or missing.
Expl.	Probable reasons for this error message: - You mistyped the variable name. - The variable name you specified has not yet been declared. - A specific database reference has been supplied, but the field is not present in the file referenced. - The value of a Natural system function has been referenced in the form *FUNCTION(FIELD), but no evaluation of the referenced system function has occurred for the field.
Actn.	Check program and correct error.

NAT0286: Invalid usage of system function or system variable.

Text	Invalid usage of system function or system variable.
Expl.	Natural system functions and Natural system variables may only be used in specific statement syntax within a Natural program. The value of a system function or system variable may be assigned to a variable and then referenced. In an INPUT statement, most system functions can only be used as output fields, not as input fields. The only system variable that can be used as an argument in the system function POS is *COM. For further information on Natural system variables and Natural system functions, please refer to the Natural Reference documentation.
Actn.	Correct error in program.

NAT0287: No access to database field; or REDEFINE variable exists.

Text	No access to database field; or REDEFINE variable exists.
Expl.	Either the access to a database field is not possible at this point; or a variable to be used in a REDEFINE statement has previously been defined. A database field can only be referenced within an active processing loop. If the loop has been closed, a reference to fields from that database access is no longer possible. If you wish to use a value of a database field outside an active processing loop, assign the value to a user-defined variable. This error also occurs if a 4-digit array occurrence is incorrectly specified. 4-digit array occurrences must be preceded by a slash; for example, #ARRAY(/1000), not #ARRAY(1000).
Actn.	Correct error in program.

NAT0288: Index/format not permitted in Natural system function.

Text	Index/format not permitted in Natural system function.
Expl.	Format or length must not be specified for the reference to a Natural system function that had been previously evaluated nor for the reference to a Natural system variable.
Actn.	Check program and correct error.

NAT0289: Referenced field is not a descriptor.

Text	Referenced field is not a descriptor.
Expl.	The reference to a database field at this point requires that the field is a descriptor. Descriptors are required in the WITH clause of a FIND statement, as sequence fields in a READ LOGICAL statement, or when indicating the field for which values are to be provided in a HISTOGRAM statement. Under Adabas Version 5, this error also occurs if a field that is marked in the DDM as "non-descriptor" is used as search variable in a READ or HISTOGRAM statement.
Actn.	Correct error in program.

NAT0290: Sub/super/hyper/phonetic descriptor field improperly used.

Text	Sub/super/hyper/phonetic descriptor field improperly used.
Expl.	- Under Adabas 4, the following applies: The value for a sub-, super- or phonetic descriptor cannot be read from the database because they do not represent data values in a record but exist only as descriptor values. To read values for a sub- or superdescriptor, use a HISTOGRAM statement. Phonetic descriptors cannot be read. - Under Adabas 5, the following applies: The value for a phonetic descriptor cannot be read.
Actn.	Correct error in program; or use Adabas Version 5 instead of 4.

NAT0291: Format for database field incompatible.

Text	Format for database field incompatible.
Expl.	The format used for a database field is not compatible with the format of the field as defined in the data dictionary.
Actn.	Check program and correct error.

NAT0292: Requested integer field is not an integer.

Text	Requested integer field is not an integer.
Expl.	An integer value is required for this operation. An integer value may be defined either by a numeric integer constant or by the contents of a numeric integer variable or database field.
Actn.	Check program and correct error.

NAT0293: Index range entry specified where not allowed.

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Text	Index range entry specified where not allowed.
Expl.	A single index entry is required for this type of function; an index range is not permitted. Single index entries are required, for example, in the WITH clause of a FIND statement to indicate a specific occurrence of a periodic group field, or to specify the descriptor to be used for sequence control in a READ LOGICAL statement.
Actn.	Check program and correct error.

NAT0294: Intermediate storage overflow in arithmetic statement.

Text	Intermediate storage overflow in arithmetic statement.
Expl.	An overflow of an internal stack has occurred during the evaluation of an arithmetic expression. The internal stack is used to sequence the execution of arithmetic operations according to the parenthetical structure.
Actn.	Reduce the number of operations to be performed within a single arithmetic operation.

NAT0295: Operand in arithmetic statement is not numeric.

Text	Operand in arithmetic statement is not numeric.
Expl.	Only operands of format "N" (numeric unpacked) or "P" (packed numeric) are allowed in arithmetic expression. A numeric operand can be defined as a constant or as the content of a variable.
Actn.	Check program and correct error.

NAT0296: Invalid search criteria in FIND statement.

Text	Invalid search criteria in FIND statement.
Expl.	When evaluating complex search criteria, such as one with logical operator "OR", several separate database calls may be required. For a single FIND statement, a maximum of 64 database calls can be generated internally.
Actn.	Reduce the number of search criteria.

NAT0297: Exponent in exponentiation must be integer or floating point.

Text	Exponent in exponentiation must be integer or floating point.
Expl.	Exponentiations can only be performed with integer or floating point exponents, as the exponents are evaluated by repeated multiplication.
Actn.	Correct error in program.

NAT0298: Incorrect parameters specified in SET KEY statement.

Text	Incorrect parameters specified in SET KEY statement.
Expl.	A push-button (PB=), menu (ME=), or bitmap (BM=) clause was detected in a SET KEY statement, but the corresponding parameters were incorrectly specified.
Actn.	Refer to Natural GUI documentation for detailed information.

NAT0299: Total length of intermediate result exceeds 31 digits.

Text	Total length of intermediate result exceeds 31 digits.
Expl.	Natural supports operands up to a length of 31 digits. The length of intermediate results as operands is evaluated according to the rules for arithmetic operations. See Natural Reference documentation, General Information, for details.
Actn.	Check the digits of intermediate results according to the rules. Separate the arithmetic expression into several statements using explicit intermediate results.

NAT0300: Operands are not data transfer compatible.

Text	Operands are not data transfer compatible.
Expl.	Due to the format rules for data transfer, the source operand cannot be assigned to the destination field. For more information, please refer to your Natural reference documentation, section "General Information", topic "Rules for Arithmetic Assignment".
Actn.	Check program and correct error.

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Natural System Error Messages NAT0301-NAT0350

NAT0301: Edit mask too long or not correctly specified.

Text	Edit mask too long or not correctly specified.
Expl.	Possible reasons for this error: - The edit mask you have specified is too long. The maximum possible length of an edit mask is 80 characters. - You have specified an edit mask at statement level in a DISPLAY, FORMAT, INPUT or WRITE statement. At statement level in these statements, you can only specify "EM=OFF", but no specific edit mask. - The specified edit mask contains no character that would cause any digit of the value to be output (for example, for numeric values only letter positions are specified, or for alphabetical values only number positions are specified).
Actn.	Correct error in program.

NAT0302: Element in WRITE/INPUT statement does not fit on 1 line.

Text	Element in WRITE/INPUT statement does not fit on 1 line.
Expl.	The size of an element specified in a WRITE/INPUT statement exceeds the current line size.
Actn.	Either increase the line size (parameter LS), or reduce the size of the element (for example, by using a REDEFINE statement).

NAT0303: Page overflow, too many vertical entries.

Text	Page overflow, too many vertical entries.
Expl.	The number of vertical entries specified within one INPUT, WRITE or DISPLAY statement exceeded the current page size.
Actn.	Either increase the page size (parameter PS) or reduce the number of vertical entries.

NAT0304: Invalid printer reference number.

Text	Invalid printer reference number.
Expl.	A printer number must be specified as a numeric constant or symbolic constant defined with DEFINE PRINTER enclosed in parentheses. There is no additional printer support within a map (processing rule).
Actn.	Check program and correct error.

NAT0305: Text string must begin and end on the same line.

Text	Text string must begin and end on the same line.
Expl.	A text string is initiated with an apostrophe and must be ended on the same line with another apostrophe. If a text string longer than one line is required, enter the text in two portions (each within apostrophes) in two consecutive lines and with a hyphen (-) between the two portions. At execution time, the two portions will be concatenated.
Actn.	Correct error in program.

NAT0306: DO or DOEND either missing or misplaced.

Text	DO or DOEND either missing or misplaced.
Expl.	A group of statements initiated with a DO statement must be terminated with a DOEND statement. The omission of a DOEND statement may only be detected at the end of a source program. The position of the error in the program does not necessarily correspond to the position where the DOEND should be placed.
Actn.	Ensure that each DO statement has a corresponding DOEND statement.

NAT0307: Processing loop not closed within a conditional block.

Text	Processing loop not closed within a conditional block.
Expl.	A processing loop which is initiated within a conditional statement block must be closed within that block. Valid example: Invalid example: ---------- ---------- IF ... IF ... DO DO FIND ... FIND ... DISPLAY ... DISPLAY ... LOOP DOEND DOEND END END
Actn.	Check program and correct error.

NAT0308: Attempt to close a non-existent processing loop.

Text	Attempt to close a non-existent processing loop.
Expl.	The LOOP statement can only be used to close an active processing loop. Either the processing loop to be closed was not properly initiated, or the processing loop had already been closed.
Actn.	Check program and correct error.

NAT0309: Invalid positioning of AT BREAK/END condition.

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Text	Invalid positioning of AT BREAK/END condition.
Expl.	An AT BREAK/END condition cannot be used within a block of statements that is dependent on another special condition. Blocks are: AT BREAK AT END/TOP OF PAGE AT START/END OF DATA ON ERROR IF
Actn.	Re-position the AT BREAK/END condition.

NAT0310: AT END OF or AT BREAK requires active processing loop.

Text	AT END OF or AT BREAK requires active processing loop.
Expl.	An AT BREAK/END statement can only be used within an active processing loop.
Actn.	Check program and correct error.

NAT0311: Error occurred in user exit for source/object programs.

Text	Error occurred in user exit for source/object programs.
Expl.	A non-zero response code was received from the user exit which is used to store source/object programs in a user-controlled file.
Actn.	Check the coding of the user exit (response code in register 15 when returning to Natural).

NAT0312: Reference invalid in AT START/END OF DATA or AT BREAK.

Text	Reference invalid in AT START/END OF DATA or AT BREAK.
Expl.	A reference number was used to refer one of the above conditional statements to a specific processing loop. However, the specified reference number refers to a line which does not contain the correct loop-initiating statement.
Actn.	Check program and correct error.

NAT0313: Only one BEFORE BREAK/AT START OF DATA allowed in a loop.

Text	Only one BEFORE BREAK/AT START OF DATA allowed in a loop.
Expl.	Only one AT START OF DATA condition can be specified for a single processing loop. If multiple statements are to be made dependent on the AT START OF DATA condition, use a DO/DOEND construction (see example below). Example: READ ... AT START OF DATA DO IF ... DO ... DOEND IF ... DO ... DOEND DOEND DISPLAY LOOP END
Actn.	Check program and correct error.

NAT0314: No more than one ON ERROR statement allowed per program.

Text	No more than one ON ERROR statement allowed per program.
Expl.	Only one ON ERROR condition can be specified in a given program. To check multiple conditions in an ON ERROR condition, use IF statements within the ON ERROR condition. Example: -------- READ ... UPDATE ... ON ERROR IF ... END-IF IF ... END-IF END-ERROR END-READ END
Actn.	Check program and correct error.

NAT0315: Entry "BREAK /n/" greater than length of variable.

Text	Entry "BREAK /n/" greater than length of variable.
Expl.	The notation "/n/" can be used to specify how many positions of a variable are to be used in the evaluation of a BREAK condition. The value for "n" cannot be greater than the number of positions defined for the variable.
Actn.	Check program and correct error.

NAT0316: Statement not permitted within specified condition.

Text	Statement not permitted within specified condition.
Expl.	Certain restrictions exist for the use of statements within certain conditions. The specified statement is not allowed in this type of condition. Within an external subroutine object, for example, only DEFINE SUBROUTINE statements and DEFINE DATA statements are allowed.
Actn.	Check program and correct error.

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NAT0317: 1 element (column width) must not exceed 250 characters.

Text	1 element (column width) must not exceed 250 characters.
Expl.	The maximum length of elements that can be output in a DISPLAY column is 250 characters.
Actn.	Redefine element into smaller elements, or have the fields displayed in vertical mode.

NAT0318: "FULL VALUE" must not be specified in EXAMINE TRANSLATE.

Text	"FULL VALUE" must not be specified in EXAMINE TRANSLATE.
Expl.	Unlike in an EXAMINE statement, "FULL VALUE" must not be specified in an EXAMINE TRANSLATE statement. An EXAMINE TRANSLATE statement always processes the entire content of the field.
Actn.	Correct error in program.

NAT0319: Argument for AVER, TOTAL, SUM must be numeric.

Text	Argument for AVER, TOTAL, SUM must be numeric.
Expl.	The argument for the evaluation of the Natural system functions AVER, TOTAL and SUM must be defined with numeric format.
Actn.	Check program and correct error.

NAT0320: Edit mask permitted for output elements only.

Text	Edit mask permitted for output elements only.
Expl.	In an INPUT statement, edit masks can only be used for output elements (attribute = M or O). For input elements (attribute = A), edit masks cannot be used. Note that if you use hexadecimal edit masks for output elements, you cannot use attribute M = modify.
Actn.	Check program and correct error.

NAT0321: Invalid specification of parameter AL or NL.

Text	Invalid specification of parameter AL or NL.
Expl.	The parameter AL and NL can only be used for output elements; they cannot be used for input-only or modifiable elements. The specification of AL or NL for an individual element must agree in format with the format of the individual variable.
Actn.	Check program and correct error.

NAT0322: Type of variable invalid as system function argument.

Text	Type of variable invalid as system function argument.
Expl.	1) A Natural system variable cannot be used as an argument for a Natural system function. If a system function is to be evaluated from a system variable, assign the value of the system variable to a user-defined variable and use this variable as the argument. 2) A variable used as a password/cipher variable cannot be used as an argument for a Natural system function. If the same variable as used for password/cipher is to be used as an argument for a Natural system function, assign the value to a user-defined variable, and use that variable as the argument.
Actn.	Check program and correct error.

NAT0323: ON ERROR statement not allowed within condition.

Text	ON ERROR statement not allowed within condition.
Expl.	An ON ERROR statement must not be placed within any of the following statement blocks: - AT START/END OF DATA - AT TOP/END OF PAGE - AT BREAK - BEFORE BREAK PROCESSING - IF - IF NO RECORDS FOUND - AT END OF FILE - DEFINE SUBROUTINE
Actn.	Check program and correct error.

NAT0324: DOEND missing for DO statement in line :1:.

Text	DOEND missing for DO statement in line ....
Expl.	A statement block initiated with a DO statement must be terminated with a DOEND statement.
Actn.	Correct error in program.

NAT0325: Inconsistent naming of fields in the data dictionary.

Text	Inconsistent naming of fields in the data dictionary.
Expl.	The same field name was used twice in a database view definition in the data dictionary.
Actn.	Inform your Natural administrator, or use the LIST FILE command to check the view definition.

NAT0326: Repetition factor in hexadecimal edit mask exceeds 63.

Text	Repetition factor in hexadecimal edit mask exceeds 63.
Expl.	The repetition factor is a hexadecimal edit mask must not exceed 63.
Actn.	Check program and correct error.

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NAT0327: Numeric edit mask specifies no valid positions in value.

Text	Numeric edit mask specifies no valid positions in value.
Expl.	The specified numeric edit mask does not contain any positions which actually exist in the value to which the edit mask is applied.
Actn.	Check program and correct error.

NAT0328: Maximum number/length of sort fields exceeded.

Text	Maximum number/length of sort fields exceeded.
Expl.	Either the total length of the fields to be sorted was greater than 253, or the total number of fields to be sorted was greater than 10.
Actn.	Reduce the size of the sort criteria.

NAT0329: AT BREAK required with PERFORM BREAK PROCESSING.

Text	AT BREAK required with PERFORM BREAK PROCESSING.
Expl.	After a PERFORM BREAK PROCESSING statement, no AT BREAK statement was issued. This error can also occur if the PERFORM BREAK PROCESSING is within an IF condition and the PERFORM BREAK PROCESSING and subsequent AT BREAK are not explicitly bounded by DO and DOEND statements.
Actn.	Check program and correct error.

NAT0330: AT END OF DATA specified more than once for a loop.

Text	AT END OF DATA specified more than once for a loop.
Expl.	Only one AT END OF DATA statement is allowed per processing loop.
Actn.	Check program and correct error.

NAT0331: Parameters LC, IC, TC not allowed in WRITE/INPUT.

Text	Parameters LC, IC, TC not allowed in WRITE/INPUT.
Expl.	The parameters LC, IC and TC can only be used for the columnar output of a DISPLAY statement. If leading or trailing characters are to be used in a WRITE or INPUT statement, specify literal constants before or after the value.
Actn.	Check program and correct error.

NAT0332: The parameters LC and IC cannot be used together.

Text	The parameters LC and IC cannot be used together.
Expl.	The LC and IC characters are mutually exclusive.
Actn.	Check program and correct error.

NAT0333: Alphanumeric edit mask may not be used for numeric value.

Text	Alphanumeric edit mask may not be used for numeric value.
Expl.	The error may be caused by an incorrect definition of the edit mask in the data dictionary.
Actn.	Check program or data dictionary and correct edit mask specification.

NAT0334: Numeric field length less than dictionary definition.

Text	Numeric field length less than dictionary definition.
Expl.	The length of a database field may only be explicitly overridden with a value which is greater than the length of the field as defined in the data dictionary, but not with a smaller length. If a shorter field is desired, define a variable and assign the value of the database field to it (with an ASSIGN or MOVE statement).
Actn.	Check program and correct error.

NAT0335: Text string for SCAN must be enclosed within apostrophes.

Text	Text string for SCAN must be enclosed within apostrophes.
Expl.	The text string to be used for a SCAN operation must be enclosed within apostrophes, and it must be contained on a single source code line.
Actn.	Check program and correct error.

NAT0336: Field to be examined must be a variable if it is modified.

Text	Field to be examined must be a variable if it is modified.
Expl.	In an EXAMINE statement, the field to be examined must not be a constant if it is to be modified, that is, if a DELETE/REPLACE clause is used. This error also occurs if a constant is specified in an EXAMINE TRANSLATE statement; the field to be TRANSLATEd must be a variable.
Actn.	Correct error in program.

NAT0337: Format/length of translate table must be A2 or B2.

Text	Format/length of translate table must be A2 or B2.
Expl.	The format/length of the translate table specified in the USING clause of an EXAMINE TRANSLATE statement must be either A2 or B2.
Actn.	Correct error in program.

NAT0338: A database field with no active reference was used.

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Text	A database field with no active reference was used.
Expl.	A database field can be referenced only within an active processing loop. If the processing loop has been closed, reference to fields made available by the processing loop is no longer allowed.
Actn.	Ensure that all references to database fields are contained within an active processing loop.

NAT0339: No specific heading allowed for group names in WRITE.

Text	No specific heading allowed for group names in WRITE.
Expl.	If a group name is used in a WRITE (or INPUT) statement, no specific header text may be specified for the group.
Actn.	Check program and correct error.

NAT0340: Invalid tab setting; occupied column overlaid.

Text	Invalid tab setting; occupied column overlaid.
Expl.	The tabulation "nT" can only be used to position forward in a line. The tabulator notation must not position the new value over an already occupied output position.
Actn.	Check program and correct error.

NAT0341: Repetition factor for text string > 250 or invalid.

Text	Repetition factor for text string > 250 or invalid.
Expl.	The repetition factor may be used to cause a one-character text string to be repeated. The repetition factor must be a numeric integer constant enclosed in parentheses. The maximum repetition factor allowed is 250.
Actn.	Check program and correct error.

NAT0342: AT BREAK not possible in this type of processing loop.

Text	AT BREAK not possible in this type of processing loop.
Expl.	The AT BREAK statement may only be used in processing loops that are initiated by a FIND, READ, HISTOGRAM or SORT statement. User-initiated break processing can be done with the statement PERFORM BREAK PROCESSING.
Actn.	Check program and correct error.

NAT0343: Only literal of one character can be used for repetition.

Text	Only literal of one character can be used for repetition.
Expl.	A character string that is to be repeated using a repetition factor may consist of only one single character.
Actn.	Check program and correct error.

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NAT0344: WRITE TITLE/TRAILER is not allowed within condition.

Text	WRITE TITLE/TRAILER is not allowed within condition.
Expl.	A WRITE TITLE or WRITE TRAILER statement must not be placed within any of the following statement blocks: - IF - AT START/END OF DATA - AT TOP/END OF PAGE - AT BREAK - BEFORE BREAK PROCESSING - AT END OF FILE - ON ERROR - IF NO RECORDS FOUND - DEFINE SUBROUTINE
Actn.	Place WRITE TITLE/WRITE TRAILER outside such a statement block.

NAT0345: Edit mask definition error in data dictionary.

Text	Edit mask definition error in data dictionary.
Expl.	The edit mask for a database field, as defined in the data dictionary, is incorrect.
Actn.	Contact your Natural administrator. A temporary by-pass may be to override the edit mask definition in the program.

NAT0346: Data definition module (DDM) :1: cannot be loaded.

Text	Data definition module (DDM) :1: cannot be loaded.
Expl.	The data definition module (DDM) for the requested file cannot be loaded, because the internal DDM load buffer could not be allocated with a sufficent size.
Actn.	Start Natural in a larger thread/partion/region/task environment.

NAT0347: SORT statement must not be placed within condition.

Text	SORT statement must not be placed within condition.
Expl.	The SORT statement closes all existing processing loops and initiates a new processing loop to process all records after they have been sorted. The SORT statement, therefore, cannot be placed within any of the following statement blocks: - AT START/END OF DATA - AT TOP/END OF PAGE - AT BREAK - BEFORE BREAK PROCESSING - AT END OF FILE - IF - IF NO RECORDS FOUND - ON ERROR
Actn.	Check program and correct error.

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NAT0348: AT TOP/END OF PAGE must not be placed within condition.

Text	AT TOP/END OF PAGE must not be placed within condition.
Expl.	The statements AT TOP OF PAGE and AT END OF PAGE can only be used outside the following statement blocks: - AT START/END OF DATA - AT TOP/END OF PAGE - AT BREAK - BEFORE BREAK PROCESSING - AT END OF FILE - IF - IF NO RECORDS FOUND - ON ERROR - DEFINE SUBROUTINE
Actn.	Place AT TOP/END OF PAGE outside such a statement block.

NAT0349: Invalid parameter value in (SET) GLOBALS statement/cmd.

Text	Invalid parameter value in (SET) GLOBALS statement/command.
Expl.	The value for a parameter specified in a SET GLOBALS statement (or GLOBALS command) was invalid. Possible values for the parameter in question are "ON" and "OFF" (or "T" and "F" respectively).
Actn.	Check program and correct error.

NAT0350: Too many vertical entries in one INPUT/WRITE/DISPLAY.

Text	Too many vertical entries in one INPUT/WRITE/DISPLAY.
Expl.	One INPUT, WRITE or DISPLAY statement can generate a maximum of 63 lines vertically. The row value in the notation "X/Y" must not exceed 63. The number of header lines must not exceed 14.
Actn.	Check program and correct error.

Natural System Error Messages NAT0351-NAT0400

NAT0351: No header text allowed for VERT, NOHDR, second DISPLAY.

Text	No header text allowed for VERT, NOHDR, second DISPLAY.
Expl.	- Header text is not allowed for any other than the first DISPLAY statement of a report. - In VERT mode, header text for individual fields can only be specified if the option "CAPTIONED" is used; the header texts for the fields will then be placed vertically above the column as header text. - If the option AS "text" is used together with CAPTIONED, the text specified for an individual field will be placed in the same line as as the field value before the field value in the column. - No header text is allowed for a DISPLAY statement which refers to the same report as a previous DISPLAY statement which has already created a header.
Actn.	Check program and correct error.

NAT0352: SF parameter in FORMAT/SET GLOBALS > 30 or not numeric.

Text	SF parameter in FORMAT/SET GLOBALS > 30 or not numeric.
Expl.	The value for the parameter SF must be specified as a numeric integer constant. The maximum value is 30.
Actn.	Check program and correct error.

NAT0353: Parameter must not be previously defined.

Text	Parameter must not be previously defined.
Expl.	Only the first parameter address is passed to the called program. All other parameters must be physically positioned immediately after the first parameter. This can only be achieved if the parameter variables are newly defined in the CALL FILE or READ WORK FILE statement respectively.
Actn.	Do not refer to previously defined variables in a CALL FILE statement.

NAT0354: Wrong specification of empty input field character.

Text	Wrong specification of empty input field character.
Expl.	The character which is to be used to fill the empty part of an input field, must be specified as a single character enclosed in apostrophes. It may be specified anywhere in the list of values of the AD parameter. Example: INPUT (AD="<") #FIELDA #FIELDB
Actn.	Check program and correct error.

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NAT0355: Invalid attribute definition element after "AD=".

Text	Invalid attribute definition element after "AD=".
Expl.	See Natural Reference documentation, session parameter AD, for information on valid values for the AD parameter. Furthermore, this error appears in a INPUT statement if - (AD=M) is specified for a system variable, except of *COM; - (AD=T) is specified for a system variable.
Actn.	Check program and correct error.

NAT0356: Constant with length 0 not allowed in WRITE/DISPLAY.

Text	Constant with length 0 not allowed in WRITE/DISPLAY.
Expl.	A constant cannot be displayed by Natural if the length between the two apostrophes is zero.
Actn.	Check program and correct error.

NAT0357: Invalid entry for OFFSET/FILLER in READ WORK FILE.

Text	Invalid entry for OFFSET/FILLER in READ WORK FILE.
Expl.	The OFFSET/FILLER in a record layout for READ WORK FILE must be specified as an integer numeric constant. The filler entry may be specified in the form "nX". This error also occurs if the OFFSET or FILLER option is placed in the wrong position within the READ WORK FILE statement. Please refer to the Natural Reference documentation for the valid READ WORK FILE statement syntax.
Actn.	Correct error in program.

NAT0358: No attribute definition specified after "AD=".

Text	No attribute definition specified after "AD=".
Expl.	At least one attribute setting is required when using "AD=".
Actn.	Check program and correct error.

NAT0359: Processing loop in subroutine not closed.

Text	Processing loop in subroutine not closed.
Expl.	If a processing loop is initiated in a subroutine, it must be closed within the same subroutine with a LOOP statement. The LOOP statement must preceed the RETURN statement.
Actn.	Check program and correct error.

NAT0360: No executable statement in IF condition.

Text	No executable statement in IF condition.
Expl.	Statements such as REDEFINE or FORMAT do not generate executable code; therefore, they are not allowed as the only statements in an IF condition. A redefinition of a variable is true under all conditions; it is therefore not recommended to place a REDEFINE or FORMAT statement within an IF condition.
Actn.	Check program and correct error.

NAT0361: Printer number not allocated.

Text	Printer number not allocated.
Expl.	Either a corresponding JCL statement for the specified printer was not specified; or, if a TP monitor is used, either the TP monitor does not support offline printers or the necessary parameter module was not generated.
Actn.	Correct the printer number or contact your Natural administrator.

NAT0362: Recursive definition of a subroutine.

Text	Recursive definition of a subroutine.
Expl.	A subroutine definition, which is initiated with a DEFINE SUBROUTINE statement, must be terminated with an END-SUBROUTINE or RETURN statement before another subroutine definition can be initiated. A DEFINE SUBROUTINE statement within another DEFINE SUBROUTINE statement block is not possible.
Actn.	Check program and correct error.

NAT0363: Invalid definition of a subroutine.

Text	Invalid definition of a subroutine.
Expl.	A DEFINE SUBROUTINE statement must not be placed within any of the following condition statement blocks: - AT START OF DATA - AT END OF DATA - AT TOP OF PAGE - AT END OF PAGE - AT BREAK - BEFORE BREAK PROCESSING - AT END OF FILE - IF NO RECORDS FOUND - ON ERROR
Actn.	Check program and correct error.

NAT0364: Inconsistency in multiple writing to the same work file.

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Text	Inconsistency in multiple writing to the same work file.
Expl.	This error occurs if one program contains two (or more) WRITE WORK FILE statements that write data to the same work file: - Writing to the same work file must be either all in fixed length or all in variable length; that is, the keyword "VARIABLE" must be specified either in every WRITE WORK FILE statement concerned or in none. (Please note that in this context an EXPORT statement corresponds to a WRITE WORK FILE (1) VARIABLE statement.) - If writing to the same work file is all in fixed length, the sum of field lengths must be the same for every WRITE WORK FILE statement concerned.
Actn.	Correct error in program.

NAT0365: Requested module cannot be loaded into storage.

Text	Requested module cannot be loaded into storage.
Expl.	Natural programs that are to be invoked with a FETCH statement are loaded into and executed from a user buffer area which must be large enough to hold the compiled program and all data variables used within the program. This error occurs if the user buffer area is not large enough to contain the program module.
Actn.	Contact your Natural administrator, who may, if necessary, increase the size of the user buffer area.

NAT0366: Invalid use of Natural system function.

Text	Invalid use of Natural system function.
Expl.	Natural system functions like MAX, MIN, SUM or AVER can only be used with the conditions AT BREAK, AT END DATA, AT END PAGE.
Actn.	Check program and correct error.

NAT0367: Invalid reference of Natural system function.

Text	Invalid reference of Natural system function.
Expl.	Natural system functions like MAX, MIN, SUM and AVER may only be used in an AT END OF PAGE condition if their evaluation per page has been requested with the GIVE SYSTEM FUNCTIONS clause of a DISPLAY or WRITE statement.
Actn.	Check program and correct error.

NAT0368: Search field for a descriptor is too long.

Text	Search field for a descriptor is too long.
Expl.	The maximum length for a search field is 126 bytes.
Actn.	Check program and correct error.

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NAT0369: Parameter DY may only be used with alphanumeric fields.

Text	Parameter DY may only be used with alphanumeric fields.
Expl.	Dynamic attributes (blinking, intensified, underlined, color, etc.) may only be applied to alphanumeric fields.
Actn.	Check program and correct error.

NAT0370: Concatenation error in construction "text"-"text".

Text	Concatenation error in construction "text"-"text".
Expl.	A literal constant ("text") must follow the character "-".
Actn.	Check program and correct error.

NAT0371: WRITE WORK FILE number not allocated/available.

Text	WRITE WORK FILE number not allocated/available.
Expl.	If work files are to be used, they must have been previously defined by the Natural administrator, and the appropriate job control statements must have been provided.
Actn.	Make sure that the correct work file number has been used. If it has, contact your Natural administrator concerning work file status/usage.

NAT0372: READ WORK FILE number not allocated/available.

Text	READ WORK FILE number not allocated/available.
Expl.	Work files must have been previously defined by the Natural administrator.
Actn.	Make sure that the correct work file number has been used. If it has, contact your Natural administrator concerning work file status/usage.

NAT0373: Error in increment specification for RENUMBER.

Text	Error in increment specification for RENUMBER.
Expl.	The line editor allows an increment, in the form (nnnn), to be specified for renumbering. The increment you have specified would cause line numbers greater than 9999.
Actn.	Choose an increment for renumbering that does not cause the line numbers to exceed 9999.

NAT0374: Block mode transfer of global variables not possible.

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Text	Block mode transfer of global variables not possible.
Expl.	The block mode transfer of global variables requires a global variable transfer statement to be generated within the program, that is, all global variables must have been defined when the program was cataloged. If a Natural program is to be Compiled and/or CATaloged, no Natural program can be EXecuted earlier in the current LOGON session. If a Natural program is to be EXecuted, then no Natural program can be Compiled or CATaloged earlier in the current LOGON session. As a result of this error condition, the current set of global variables has been deleted.
Actn.	As the global variables have been deleted, re-establish the environment necessary to perform the desired function.

NAT0375: Invalid value for format element.

Text	Invalid value for format element.
Expl.	For this type of format element, the only possible values are "ON" and "OFF" (or "T" and "F" respectively).
Actn.	Check program and correct error.

NAT0376: Global variables :1: do not match.

Text	Global variables ... do not match.
Expl.	The global variables that are to be passed between programs do not agree in format and/or length. Global variables with the same name must agree in format and length to allow for a value transfer of the global variable across mutiple programs when referenced as data as "+NAME".
Actn.	Check the currently existing global variables with the EDIT VARIABLES command and compare them to the reference in the current program. Adjust format/length or clear global variables with the LOGON command.

NAT0377: All lines must be numbered if using user-assigned numbers.

Text	All lines must be numbered if using user-assigned numbers.
Expl.	You may number the statement lines by entering a 4-digit line number in the first 4 positions of the source line. Once you have started to number source lines, however, you must ensure that all source lines are numbered consecutively in ascending order.
Actn.	Check statement line numbers for ascending order. Do not accidentally place a numeric constant of 4 digits at the beginning of a source line.

NAT0378: Field must not be placed under group using "/" notation.

Text	Field must not be placed under group using "/" notation.
Expl.	If a group of fields is referenced in a DISPLAY statement, the group creates a layout of multiple columns for all individual fields in the group. No individual field can be placed under the group layout.
Actn.	Place individual field in a separate column.

NAT0379: Error in construction of print positioning of form "x/y".

Text	Error in construction of print positioning of form "x/y".
Expl.	The positioning notation "x/y" can only be used with constants for "x" and "y". The positioning must not place the current print position outside the range of line and column positions that are available with the current line size and page size limits. The line position must not overlay an already occupied print position.
Actn.	Check program and correct error.

NAT0380: Error in the construction of a dynamic source variable.

Text	Error in the construction of a dynamic source variable.
Expl.	The character "&", which indicates a dynamic source variable, was found, but the "&" was not followed by a valid variable name.
Actn.	Check program and correct error.

NAT0381: Edit mask not allowed for variable name of over 58 chars.

Text	Edit mask not permitted for variable name of over 58 characters.
Expl.	If an edit mask is specified for a variable name which is longer than 58 characters, this may lead to a destruction of the variable name. In particular a collision may occur in the case of maps, where you can define variable names with up to 65 characters.
Actn.	Use a shorter variable name.

NAT0382: Two different cipher codes were specified for same file.

Text	Two different cipher codes were specified for same file.
Expl.	An Adabas file may only be ciphered with one cipher code. That same cipher code must, therefore, be used for a given file.
Actn.	Check program and correct error.

NAT0383: Source program in source work area incorrectly numbered.

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Text	Source program in source work area incorrectly numbered.
Expl.	To ensure that all references in a program can be resolved correctly, it is necessary that the source code lines are numbered in ascending order.
Actn.	Use the RENUMBER command to renumber the program, check all references for consistency with intended reference (when duplicate numbers exist). All references will be renumbered automatically.

NAT0384: Explicit format specification required.

Text	Explicit format specification required.
Expl.	The FS parameter has been set with a SET GLOBALS statement or GLOBALS command to indicate that no default format/length is to be used. Therefore the format/length of all user-defined variables must be explicitly specified.
Actn.	Check program and correct error.

NAT0385: Values for DC, IA, ID parameters must exclude one another.

Text	Values for DC, IA, ID parameters must exclude one another.
Expl.	The values for the session parameters DC, IA and ID must exclude one another. The value for each of these parameters must be different from the values for the other two.
Actn.	Use the GLOBALS command to check the values for DC, IA and ID and make sure that the 3 parameter have 3 different values.

NAT0386: Undefined global variable used for source reference.

Text	Undefined global variable used for source reference.
Expl.	All global variables that are to be referenced for source parameters in the form "&NAME" must have been previously defined from the execution of a program that assigns a value to this global variable. If a source program using global notations is to be created, this can be done without control of the syntax checker, using the EDIT command. When the syntax checker is to be active during the creation of such program, the proper global variable environment must be created prior to any "&NAME" reference.
Actn.	Either create program in EDIT mode or establish proper global variable environment by executing programs that define the global variables prior to any "&NAME" reference.

NAT0387: Modification of a named constant not allowed.

Text	Modification of a named constant not allowed.
Expl.	If a variable is to have an initial value, which will be changed in the program, and the original value to be used again later in the program, use the INIT clause of the DEFINE DATA statement and a RESET INITIAL statement.
Actn.	Check program and correct error.

NAT0388: Parameter source reference not allowed for CATALOG.

Text	Parameter source reference not allowed for CATALOG.
Expl.	A program that refers to global variables as source parameters is dynamically changed at execution time (during RUN statement execution). It therefore cannot be cataloged as an object module.
Actn.	Check program for reference to parameter source &variable and do not catalog a program that contains parameter source reference.

NAT0389: Invalid reference "0000" specified.

Text	Invalid reference "0000" specified.
Expl.	When you reference a database access statement by specifying the line number, the line number can never be "0000".
Actn.	Check program and correct error.

NAT0390: Variable of format/length F16 is not allowed here.

Text	Variable of format/length F16 is not allowed here.
Expl.	A floating-point variable of length 16 is not allowed with the following statements: - DISPLAY - WRITE - PRINT - INPUT
Actn.	Do not use an F16 variable in any of the above statements.

NAT0391: Invalid system command in global variable block mode.

Text	Invalid system command in global variable block mode.
Expl.	Some system commands are implemented in the form of Natural programs and use the global variable feature. These types of system commands cannot be used when the global-variable block-transfer mode is activated because the dynamic address allocation is then de-activated. Only the commands LOGON and GLOBALS may be used when working in global-variable block-transfer mode.
Actn.	De-activate global-variable block-transfer mode, or do not use this command.

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NAT0392: Invalid operation with date or time variable.

Text	Invalid operation with date or time variable.
Expl.	This error may be caused by the following: - An arithmetic operator other than "+" or "-" was used between a date/time operand and a numeric operand. - An arithmetic operator other than "-" was used between two date/time operands. - An arithmetic operator with one date/time operand and one floating-point operand was used. See Natural Reference documentation, Arithmetic Operations with Date and Time, for further information.
Actn.	Check program and correct error.

NAT0393: Program cannot be executed.

Text	Program cannot be executed.
Expl.	1) An attempt was made to execute a Natural program which is not supported by the current version of Natural. This may be - a Natural version 1.X object program - a Natural version 2.3 object program. 2) The program to be executed is contained in the blacklist of the current buffer pool (see SYSBPM utility).
Actn.	1) Re-compile the program under the current version of Natural. 2) Remove program from blacklist.

NAT0394: Invalid format specification.

Text	Invalid format specification.
Expl.	See Natural Reference documentation, Natural Session Parameters.
Actn.	Check program and correct error.

NAT0395: Attribute "CV" must be defined before "HE" definition.

Text	Attribute "CV" must be defined before "HE" definition.
Actn.	Check program and correct error.

NAT0396: Roman edit mask for input fields not allowed.

Text	Roman edit mask for input fields not allowed.
Expl.	A roman edit mask can be used in an INPUT statement, but only for output fields. Example: INPUT #D (EM=R AD=O)
Actn.	Check program and correct error.

NAT0397: Given index range cannot be generated in WRITE/DISPLAY.

Text	Given index range cannot be generated in WRITE/DISPLAY.
Expl.	Restrictions for WRITE of array ranges are: - no more than two dimensions - no ranges with different variables (#I : #J) - no ranges with constant and variable (1 : #I + 3) Examples of valid ranges: #A (1 : 5) #A (#J : #J + 5) #A (1 : 3,2 : 4) #A (#J + 2 : #J + 5, #I - 5 : #I + 5) DISPLAY: If a line advance is to be made after an array range specification, it must be a constant range or the "*". All 3 dimensions can then be specified.
Actn.	Check program and correct error.

NAT0398: Label definition must be coded at beginning of line.

Text	Label definition must be coded at beginning of line.
Actn.	Check program and correct error.

NAT0399: INCLUDE statement must be only statement in source line.

Text	INCLUDE statement must be only statement in source line.
Expl.	The INCLUDE statement must be the only statement contained in a given source code line.
Actn.	Check program and correct error.

NAT0400: Invalid library name.

Text	Invalid library name.
Expl.	A library name must begin with an alphabetical character and must not be longer than 8 characters.
Actn.	Use a correct library identification.

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Natural System Error Messages NAT0401-NAT0450

NAT0401: Invalid program name.

Text	Invalid program name.
Expl.	A program name must begin with an alphabetical character and must not be longer than 8 characters.
Actn.	Use correct program name.

NAT0402: "text" for EDIT command does not end with apostrophe.

Text	"text" for EDIT command does not end with apostrophe.
Expl.	."text" can be used in the line editor to position to a specific line beginning with that text string. .S"text" can be used to scan the source program for the specified text and select all lines containing the text.
Actn.	Check command and correct error.

NAT0403: Invalid line editor subcommand.

Text	Invalid line editor subcommand.
Expl.	The following subcommands may be used in the line editor: .B position to bottom .Cn(m) copy m lines starting from line identified with n .C"text"(m) copy the line beginning with "text" to position m .D delete line .D(n) delete n lines .E terminate line .I insert line .I(program) insert program .Mn move lines identified by n .M"text"(n) move n lines starting from line beginning with "text" .R(n) renumber with increment n -- default n=10 .S"text" scan for text See Natural Reference documentation, EDT command, for use of PF Keys.
Actn.	See Natural Reference documentation, EDT command, for use of PF Keys. Issue a valid command.

NAT0404: Number for "+/-" in EDIT command invalid.

Text	Number for "+/-" in EDIT command invalid.
Expl.	"+/-n" can be used to position forward/backward in the line editor. "n" must be a numeric constant, and must immediately follow "+/-".
Actn.	Enter a valid command.

NAT0405: FSIZE too small to contain the file/field definitions.

Text	FSIZE was too small to contain the file/field definitions.
Expl.	There was not enough memory available to load the specified files (DDMs).
Actn.	Ask your Natural administrator to check whether the FSIZE buffer can/should be increased.

NAT0406: Explicit index range not allowed with SORT.

Text	Explicit index range not allowed with SORT.
Expl.	Only complete arrays can be specified in the USING clause of the SORT statement. This can be achieved by specifying "*" as index or by explicitly specifying the complete range of constants. Example: 01 ARRAY (A5/1:20) ... SORT BY ... USING ARRAY(*) or SORT BY ... USING ARRAY(1:20)
Actn.	Check program and correct error.

NAT0407: Invalid tab notation "nT".

Text	Invalid tab notation "nT".
Expl.	The "nT" positioning must be within the useable line size. "n" must not be zero or a value greater than the currently specified line size.
Actn.	Check program and correct error.

NAT0408: Tab notation "nT" duplicated or invalid in VERT mode.

Text	Tab notation "nT" duplicated or invalid in VERT mode.
Expl.	The "nT" positioning can be used to position to a specific output position. In VERT mode, positioning can only be done once between two columns. It cannot be specified for individual fields in VERT mode, because the column position can only be defined once before the VERT entry. If indentation is required, use the "nX" notation within a column.
Actn.	Check program and correct error.

NAT0409: Position ref. to field only allowed once between columns.

Text	Position reference to field only allowed once between columns.
Expl.	The position reference of the form "T*NAME" can only be used to position to a new column in a DISPLAY statement. Within a column in VERT mode, it is not possible to position individual fields with the "T*NAME" notation. If indentation is required within a column, use the "nX" notation.
Actn.	Check program and correct error.

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NAT0410: Too many sort key fields specified.

Text	Too many sort key fields specified.
Actn.	Reduce number of sort key fields.

NAT0411: Print position reference must be in first DISPLAY.

Text	Print position reference must be in first DISPLAY.
Expl.	Only the first DISPLAY statement creates a print position reference. Reference to print positions (columns) in the form "T*NAME" can only be made to variables that have been defined as columns in the first DISPLAY statement defined in the program. The short-form notation (2 characters) for database fields is not permitted.
Actn.	Correct error.

NAT0412: "nX" or "nT" notation positions beyond line size.

Text	"nX" or "nT" notation positions beyond line size.
Expl.	The notation "nX" or "nT" resulted in an output position that lies beyond the currently specified line size.
Actn.	Either correct the nX/nT notation or increase line size parameter.

NAT0413: Module in source library does not exist for .I(name).

Text	Module in source library does not exist for .I(name).
Expl.	The source module to be copied from the source library cannot be located in the current library, or the entry ".I(name)" was not specified correctly.
Actn.	Re-issue command using correct source module name.

NAT0414: Only one AT BREAK hierarchy allowed in database loop.

Text	Only one AT BREAK hierarchy allowed in database loop.
Expl.	A hierarchy of break processing can be established by specifying multiple AT BREAK conditions in the same FIND, READ, SORT or HISTOGRAM loop. The multiple AT BREAKs that form the hierarchy must be specified consecutively in one block.
Actn.	Place AT BREAKs to form a break hierarchy together in processing loop.

NAT0415: "T*" and "P*" notation not permitted in PRINT statement.

Text	"T*" and "P*" notation not permitted in PRINT statement.
Actn.	Do not use "T*" or "P*" in a PRINT statement.

NAT0416: "x/y" notation not permitted with PRINT statement.

Text	"x/y" notation not permitted with PRINT statement.
Actn.	Do not use the notation "x/y" in a PRINT statement.

NAT0417: Variable index range not permitted with READ WORK FILE.

Text	Variable index range not permitted with READ WORK FILE.
Actn.	Check program and correct error.

NAT0418: "RETURN" is not permitted in structured mode.

Text	"RETURN" is not permitted in structured mode.
Expl.	The RETURN statement is permitted in reporting mode only. In structured mode, the end of a subroutine definition must be indicated with the statement END-SUBROUTINE.
Actn.	Check program and correct error.

NAT0419: "USING" is required in structured mode.

Text	"USING" is required in structured mode.
Expl.	When the SORT statement is used in structured mode, the USING clause must be used to indicate the fields which are to be written to intermediate storage. If USING KEYS is specified, all sort key fields are written to intermediate storage. USING operand2 ... may be used to indicate fields in addition to the sort key fields which are to be written to intermediate storage. By default in structured mode, the fields specified in the BY clause are NOT written to intermediate sort storage.
Actn.	Check program and correct error.

NAT0420: Invalid program construct for cataloging of map.

Text	Invalid program construct for cataloging of map.
Expl.	A map which is defined outside a Natural program and is dynamically loaded during execution only represents the screen layout for the map. No further processing is performed as part of the map definition. A program which is to be cataloged as a map must contain only one INPUT statement.
Actn.	Check program and correct error.

NAT0421: The defined map is too large to be cataloged.

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Text	The defined map is too large to be cataloged.
Expl.	The generated code resulting from a map generation must not exceed 2200 bytes if the map is to be stored in the database system file, and 650 bytes if to be stored in the user-exit file. The length of the map is determined by the length of the text elements used in the map and the number of fields specified: each field element requires 9 and each text element 3 additional control bytes.
Actn.	Reduce map size by specifying less text/fields.

NAT0422: Invalid or misplaced statement in external subroutine.

Text	Invalid or misplaced statement in external subroutine.
Expl.	An external subroutine must not contain more than one DEFINE SUBROUTINE statement. The DEFINE SUBROUTINE statement block must be closed with END-SUBROUTINE (or RETURN, in reporting mode). The only statements allowed outside the DEFINE SUBROUTINE block are DEFINE DATA LOCAL/GLOBAL, which must precede the DEFINE SUBROUTINE statement, and END at the end of the subroutine.
Actn.	Correct error in external subroutine.

NAT0423: Invalid GIVING LENGTH clause in READ WORK FILE statement.

Text	Invalid GIVING LENGTH clause in READ WORK FILE statement.
Expl.	Possible reasons for this error are: 1. The keyword "LENGTH" is missing after "GIVING". 2. The operand is either missing or defined with an incorrect format/length (format/length must be I4).
Actn.	Check program and correct error.

NAT0424: Invalid operand for PC "COMMAND" option.

Text	Invalid operand for PC "COMMAND" option.
Expl.	The operand for the COMMAND option of the WRITE WORK FILE/WRITE PC/DOWNLOAD statement must be of alphanumeric format and its length must not exceed 80 characters.
Actn.	Check program and correct error.

NAT0425: Invalid use of a qualified variable name.

Text	Invalid use of a qualified variable name.
Expl.	Qualified variable names may only be used when referencing data variables. They cannot be used when defining variables in a DEFINE DATA statement.
Actn.	Check program and correct error.

NAT0426: Invalid use of variable name in data structure.

Text	Invalid use of variable name in data structure.
Expl.	In the DEFINE DATA statement, a variable name was used in defining a data structure that currently exists. The earlier variable definition was not part of another data structure.
Actn.	Check program and correct error.

NAT0427: Invalid definition of variable name in data structure.

Text	Invalid definition of variable name in data structure.
Expl.	A variable name used in the DEFINE DATA statement already exists. The earlier definition of this variable name describes a data structure at level 1. Data structure names at level 1 must be uniquely defined.
Actn.	Check program and correct error.

NAT0428: Invalid variable name definition in a data structure.

Text	Invalid variable name definition in a data structure.
Expl.	A variable name used in the DEFINE DATA statement already exists. The earlier definition of this variable name describes a data element that is contained within the current data structure. Non-unique variable names in a DEFINE DATA statement are referenced by qualifying the variable with the level 1 structure name. Therefore, two data structure variables with the same variable name can not co-exist if they share the same level 1 structure name. E.g.: 1 GROUP 2 STRUCTURE-1 3 SAME-NAME (A1) 2 STRUCTURE-2 3 SAME-NAME (N7) <== cannot be uniquely referenced. 1 OTHER-STRUCTURE 2 SAME-NAME (P4) <== unique reference as "OTHER-STRUCTURE.SAME-NAME"
Actn.	2 SAME-NAME (P4) <== unique reference as "OTHER-STRUCTURE.SAME-NAME" Check program and correct error.

NAT0429: Index for database array incorrectly specified.

Text	Index for database array incorrectly specified.
Expl.	When defining an array, the index specification for each dimension must not include a non self-defining range. A range which is not self-defining includes any of the following index specifications: #FIELD(#I + 1) or #FIELD(#J - 1) #FIELD(*) #FIELD(#I + #J)
Actn.	Check program and correct error.

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NAT0430: Invalid format used in array definition.

Text	Invalid format used in array definition.
Expl.	Format "C" (control variable) is not permitted when defining an array. Terminal control variables cannot be indexed.
Actn.	Check program and correct error.

NAT0431: Qualifiers must be structure level names.

Text	Qualifiers must be structure level names.
Expl.	All qualifiers of a variable name must be structure level names, that is, they must themselves define a sub-structure within a data structure. The specification of the current variable name contains an invalid qualification.
Actn.	Check program and correct error.

NAT0432: First qualifier must be level 1 structure name.

Text	First qualifiers must be level 1 structure name.
Expl.	The first qualifier of a variable name must be a structure level name with a level number of 1. The specification of the current variable name contains an invalid qualification.
Actn.	Check program and correct error.

NAT0433: Qualifier name does not exist in parent structure.

Text	Qualifier name does not exist in parent structure.
Expl.	One of the qualifier names does not exist in the sub-structure defined by the qualifier immediately preceding this name in the qualified name list.
Actn.	Check program and correct error.

NAT0434: Qualification does not uniquely identify variable.

Text	Qualification does not uniquely identify variable.
Expl.	The qualified name list does not uniquely describe the current variable name.
Actn.	Check program and correct error.

NAT0435: Index for database array incorrectly specified.

Text	Index for database array incorrectly specified.
Expl.	The Natural Version 1.2 notation of defining an index range with the "-" character cannot be used to reference a database array which was defined using the Version 2.1 notation, that is the character ":". The converse is not permitted either. Neither is it permitted to mix the two notations when defining a database array. Neither are the index notations "I + 1" or "I - 2" etc. permitted when referencing a database array that was defined with the Version 1.2 notation.
Actn.	Check program and correct error.

NAT0436: The internal size of a data structure is too big.

Text	The internal size of a data structure is too big.
Expl.	The size of a data structure in the DEFINE DATA statement is too big.
Actn.	Reduce number of variables or number of occurrences for a variable.

NAT0437: Constant definition missing for current structure.

Text	Constant definition missing for current structure.
Expl.	If a variable is defined as a named constant via the keyword "CONST" in a DEFINE DATA statement, each elementary field of that structure must be defined as a constant.
Actn.	Check program and correct error.

NAT0438: Record length must not exceed 32 KB.

Text	Record length must not exceed 32 KB.
Expl.	The length of a record read/written with a READ/WRITE WORK FILE statement must not exceed 32 KB.
Actn.	Check program and correct error.

NAT0439: Variable-length field only allowed in WRITE WORK VARIABLE.

Text	Variable-length field only allowed in WRITE WORK VARIABLE.
Expl.	Fields with variable length cannot be used in a WRITE WORK FILE statement without VARIABLE clause. Incorrect example: WRITE WORK FILE 1 array(1:j) Correct example : WRITE WORK FILE 1 VARIABLE array(1:j)
Actn.	Check program and correct error.

NAT0440: DISPLAY and NEWPAGE not allowed in AT TOP/END OF PAGE.

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Text	DISPLAY and NEWPAGE not allowed in AT TOP/END OF PAGE.
Expl.	A DISPLAY or a NEWPAGE statement must not be placed within an AT TOP OF PAGE or AT END OF PAGE statement block.
Actn.	Correct error in program.

NAT0441: RETURN or END-SUBROUTINE not allowed within a condition.

Text	RETURN or END-SUBROUTINE not allowed within a condition.
Expl.	A RETURN or END-SUBROUTINE statement must not be placed within any of the following statement blocks: - AT START/END OF DATA - AT TOP/END OF PAGE - AT BREAK - BEFORE BREAK PROCESSING - AT END OF FILE - IF NO RECORDS FOUND - ON ERROR
Actn.	Correct error in program/subroutine.

NAT0442: RETRY statement is not allowed within condition.

Text	RETRY statement is not allowed within condition.
Expl.	A RETRY statement must not be placed within any of the following statement blocks: - AT START/END OF DATA - AT TOP/END OF PAGE - AT BREAK - BEFORE BREAK PROCESSING - AT END OF FILE - IF NO RECORDS FOUND - DEFINE SUBROUTINE
Actn.	Correct error in program.

NAT0443: C routine name not found in jump table.

Text	C routine name not found in jump table.
Expl.	CALL <MODULE> <ROUTINE> <ARGUMENTS> The routine declared by <routine> is not found by the jump table lookup routine declared in the module header csect <module>. Note: The jump table lookup routine is also written in C.
Actn.	This is an internal Natural Expert error, please contact Software AG and describe how the error was produced.

NAT0444: LFILE directive for Entire system file is not Entire type.

Text	LFILE directive for Entire system file is not Entire type.
Expl.	Check the LFILE directives for the Entire system files (249,250). Check the Entire NTDB macro entry for validity. In the NATPARM module, the NTDB macro determines the database type: - NTDB ENTIRE,xyz (where "xyz" is the database ID) The NTFILE macro in the NATPARM module describes the Entire cross-reference and data files: - NTFILE ID=249,FNR=10,DBID=xyz (SYS1) - NTFILE ID=250,FNR=11,DBID=xyz (SYS2) LFILE is a dynamic parameter; for example: - LFILE=(249,xyz,10),LFILE=(250,xyz,11) In both cases, the database handler must be declared as being of type ENTIRE. See Natural Administrator"s documentation for further information.
Actn.	Contact your Entire DB administrator.

NAT0445: C buffer being used by another application.

Text	C buffer being used by another application.
Expl.	Two applications are using the same Natural buffer. This error is detected on starting the second application and as it is desirable to protect data, the second application is not allowed to start.
Actn.	The problem could be resolved if the two applications were to use separate buffers - please contact Software AG.

NAT0446: Statement name found in attribute expression.

Text	Statement name found in attribute expression.
Expl.	This error occurs if you have defined an attribute to a category which has the same name as a Natural keyword.
Actn.	Rename the attribute.

NAT0447: FIND UNIQUE not allowed for Entire files.

Text	FIND UNIQUE not allowed for Entire files.
Expl.	This statement is not supported by Entire.
Actn.	Correct error in program.

NAT0448: C interface - get memory buffer failed.

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Text	C interface - get memory buffer failed.
Expl.	When a function written in C performs a MALLOC operation to get a work buffer, this is supplied to it by the GETMAIN# entry in the environment interface NICMAIN, which in turn gets it from the second buffer declared in the C module header. This buffer has not been defined in the Natural environment. With Natural Expert this means that no EXRSIZE or EXCSIZE could be allocated.
Actn.	Check whether there is enough space for the EXRSIZE or EXCSIZE as defined in the NATPARM module or increase the buffer size(s).

NAT0449: DLOGON user not specified.

Text	C work buffer too small.
Expl.	CALL <module> <routine> <arguments> On initialization of the C work buffer, the minimum size required is <size of extern/static> + 4K.
Actn.	This is an internal Natural Expert error, please contact Software AG.

NAT0450: Not enough memory to run C subroutines.

Text	Not enough memory to run C subroutines.
Actn.	This is an internal Natural Expert error, please contact Software AG.

Natural System Error Messages NAT0451-NAT0500

NAT0451: Entire DB Request Handler not loaded or cannot be found.

Text	Entire DB Request Handler not loaded or cannot be found.
Expl.	The Entire DB Request Handler is contained for Natural Version 2.1 in the module "AERNAT", and for Natural Version 2.2 in the module "NATDREQ". Most likely, this module is not linked to Natural.
Actn.	Check the link job and re-link Natural with the required module.

NAT0452: Entire cannot be initialized.

Text	Entire cannot be initialized.
Expl.	The cause is either that - there was not enough space to satisfy the request; - the Entire buffer (ZSIZE) is too small - minimum is 44; - the Adabas/Entire nucleus (AERNUC) is not accessible, because it is not linked or cannot be loaded dynamically.
Actn.	Contact your Entire DB administrator.

NAT0455: First command to Entire not "DLOGON".

Text	First command to Entire not "DLOGON".
Expl.	Before accessing the Entire data in any way, a DLOGON statement must be successfully executed. This allows the user identity to be determined, the application to be set, and security check and accessibility of data to be determined.
Actn.	Ensure that the system calls a DLOGON before access, and correct code.

NAT0456: Invalid function code for Entire.

Text	Invalid function code for Entire.
Expl.	Entire has received a control block (same format as Adabas) which has a function code field (offset 2 in the CB) that cannot be interpreted by Entire. This is most likely caused by an incompatibility of systems and/or overwriting of the Entire work area.
Actn.	Produce an application dump and contact Software AG support.

NAT0457: Entire version incompatibility.

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Text	Entire version incompatibility.
Expl.	This is caused by linking the interface CSECT DDIPFNAT (AERNUC) with another version of the initialisation module ADDINIT (AERNAT).
Actn.	Check the Natural/Entire link job for "INCLUDE" datasets, or contact your system administrator.

NAT0458: No "RETAIN AS" set with the given name exists.

Text	No "RETAIN AS" set with the given name exists.
Expl.	This occurs when, for example, a FIND references a non-existent or released ISN set. See FIND statement, RETAIN clause, in the Entire DB Programmer"s Guide for further information.
Actn.	Make sure that usage of ISN sets in application program is correct.

NAT0459: Control Block is not aligned.

Text	Control Block is not aligned.
Expl.	The Control Block in direct command must be full-word aligned.
Actn.	Check the program and align the Control Block.

NAT0460: Record length is greater than Open length.

Text	Record length is greater than Open length.
Expl.	Entire DB has attempted to write a record via EXPORT/IMPORT to work file 1. This work file has already been opened with a record of length less than 4096 bytes.
Actn.	Check program for reads/writes and make sure that the first read or write is at least 4096 bytes. Alternatively, check the DCB.

NAT0461: Error in CONTROL clause of DEFINE WINDOW statement.

Text	Error in CONTROL clause of DEFINE WINDOW statement.
Expl.	The CONTROL clause of the DEFINE WINDOW statement must be specified as follows: CONTROL SCREEN, or CONTROL WINDOW. If the CONTROL clause is omitted, CONTROL WINDOW will apply by default.
Actn.	Check program and correct error.

NAT0462: Error in SYMBOL clause of DEFINE WINDOW statement.

Text	Error in SYMBOL clause of DEFINE WINDOW statement.
Expl.	See Natural Reference documentation for correct syntax of DEFINE WINDOW statement.
Actn.	Check program and correct error.

NAT0463: Invalid colour or invalid attribute specified.

Text	Invalid colour or invalid attribute specified.
Expl.	You have specified an invalid attribute or an invalid colour code, either in the REVERSED clause or the FRAMED clause of the DEFINE WINDOW statement. The only attribute you may specify in a REVERSED clause or FRAMED clause is CD (colour definition). The colour definition must be specified as (CD=cc), where "cc" is the colour code. For information on valid colour codes, please refer to the Natural Reference documentation.
Actn.	Check program and correct error.

NAT0464: Window name in DEFINE/SET WINDOW stmt. missing or invalid.

Text	Window name in DEFINE/SET WINDOW stmt. missing or invalid.
Expl.	In a DEFINE/SET WINDOW statement, the name of the window must be specified directly after the keywords "DEFINE/SET WINDOW". For window names, the same rules apply as for names of user-defined variables (see Natural Reference documentation).
Actn.	Check program and correct error.

NAT0465: Inconsistent usage of WINDOW :1:.

Text	Inconsistent usage of WINDOW ....
Expl.	Either the window name has been defined twice in two DEFINE WINDOW statements. or a window is referenced in the program (e.g. with an INPUT WINDOW statement), but the window has not been defined in a DEFINE WINDOW statement.
Actn.	Check program and correct error.

NAT0466: Error in SIZE clause of DEFINE WINDOW statement.

Text	Error in SIZE clause of DEFINE WINDOW statement.
Expl.	The SIZE clause of a DEFINE WINDOW statement must be specified as one of the following: SIZE AUTO SIZE QUARTER SIZE lines * columns If the SIZE clause is omitted, SIZE AUTO will apply by default. For explanation of the DEFINE WINDOW syntax, please refer to the Natural Reference documentation.
Actn.	Check program and correct error.

NAT0467: Error in BASE clause of DEFINE WINDOW statement.

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Text	Error in BASE clause of DEFINE WINDOW statement.
Expl.	The BASE clause of the DEFINE WINDOW statement must be specified as one of the following: BASE CURSOR BASE TOP LEFT BASE TOP RIGHT BASE BOTTOM LEFT BASE BOTTOM RIGHT BASE line-position / column-position If the BASE clause is omitted, BASE CURSOR will apply by default. For explanation of DEFINE WINDOW syntax, see Natural Reference documentation.
Actn.	Check program and correct error.

NAT0468: Error in TITLE clause of DEFINE WINDOW statement.

Text	Error in TITLE clause of DEFINE WINDOW statement.
Expl.	In the TITLE clause of a DEFINE WINDOW statement, an alphanumeric variable or constant must be specified immediately after the keyword "TITLE".
Actn.	Check program and correct error.

NAT0469: CLOSE WORK FILE statement has been invalidly placed.

Text	CLOSE WORK FILE statement has been invalidly placed.
Expl.	A CLOSE WORK FILE statement must not be placed within a READ WORK FILE loop that refers to the same work file.
Actn.	Place the CLOSE WORK FILE statement outside the READ WORK FILE loop.

NAT0470: Operand for RET, SORTKEY or VAL function must be alphanumeric.

Text	Operand for RET, SORTKEY or VAL function must be alphanumeric.
Actn.	Specify an alphanumeric program name with the RET function. Do not apply the system function SORTKEY to a non-alphanumeric field. Do not apply the system function VAL to a non-alphanumeric field.

NAT0471: Invalid operands in SUBSTRING option.

Text	Invalid operands in SUBSTRING option.
Expl.	The field name specified in the SUBSTRING option must be alphanumeric. The starting position in the field and the length of the substring must be numeric.
Actn.	Correct error in program.

NAT0472: This user-defined name is a Natural reserved word.

Text	This user-defined name is a Natural reserved word.
Expl.	The Natural profile parameter KC=ON (keyword check) has been set, which means that a user-defined name (identifier) must not be the same as a Natural reserved word.
Actn.	Use a different name.

NAT0473: Error in parameter of DEFINE PRINTER statement.

Text	Error in parameter of DEFINE PRINTER statement.
Expl.	This error may be caused if one of the following conditions is not met: - The operand after "PROFILE", "FORMS" or "NAME" must be of alphanumeric format, and its length must not exceed 8. - The operand after "DISP" must be of alphanumeric format, and its length must not exceed 4. - The operand after "COPIES" must be a numeric integer (format N, P or I; without decimal digits). - Each of the above clauses must not be specified more than once.
Actn.	Correct error in program.

NAT0474: Field attribute DF cannot be used for this type of field.

Text	Field attribute DF cannot be used for this type of field.
Expl.	The field attribute DF can only be used for fields of type date.
Actn.	Correct error in program.

NAT0475: INCLUDE statements must be nested on less than 20 levels.

Text	INCLUDE statements must be nested on less than 20 levels.
Expl.	This program has INCLUDE statements nested on at least 20 levels.
Actn.	Reduce the number of levels on which INCLUDE statements are nested to less than 20.

NAT0476: Data structure size of :1: exceeds 32K.

Text	Data structure size of :1: exceeds 32K.
Expl.	The structure size of a variable or an indexed group must not exceed 32K.
Actn.	Reduce the size of the variable or indexed group.

NAT0480: Incorrect usage of attribute SB or RB.

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Text	Incorrect usage of attribute SB or RB.
Expl.	A Selection-Box clause (SB=..) may only be used for fields of alphanumeric format. Moreover, the parameter fields specified have to be alphanumeric as well. The number of parameter fields must not exceed 20. A parameter specified in a Radio-Button clause (RB=..) - must not be a range field, - has to be of alphanumeric format.
Actn.	Check program and correct error.

NAT0481: Multiple usage of a SB= or RB= clause not permitted.

Text	Multiple usage of a SB= or RB= clause not permitted.
Expl.	You may not define more than one Selection-Box (SB=..) or Radio-Button (RB=..) clause for an INPUT field.
Actn.	Check program and correct error.

NAT0482:

Text	Reserved for NATGUI features.

NAT0500: * NAT0500 - NAT0550 issued by Natural (VMS). ***

Text	*** NAT0500 - NAT0550 issued by Natural (VMS). ***
Expl.	The messages NAT0500 to NAT0550 are issued by Natural (VMS). They are explained in the Natural (VMS) Error Messages documentation.
Actn.	See Natural (VMS) Error Message documentation.

 Natural System Error Messages NAT0551-NAT0600

Natural System Error Messages NAT0551-NAT0600

NAT0600: "END-IF" missing for IF statement in line :1:.

Text	"END-IF" missing for IF statement in line ....
Expl.	In structured mode, an IF statement block must be terminated with a corresponding END-IF statement. Example: READ ... IF ... COMPUTE ... COMPUTE ... END-IF DISPLAY END-READ END
Actn.	Correct error in program.

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Natural System Error Messages NAT0601-NAT0650

NAT0601: "END-START" missing for AT START OF DATA in line :1:.

Text	"END-START" missing for AT START OF DATA in line ....
Expl.	In structured mode, an AT START OF DATA statement block must be terminated with a corresponding END-START statement. Example: READ ... AT START OF DATA MOVE ... DISPLAY ... END-START DISPLAY ... END-READ END
Actn.	Correct error in program.

NAT0602: "END-ENDDATA" missing for AT END OF DATA in line :1:.

Text	"END-ENDDATA" missing for AT END OF DATA in line ....
Expl.	In structured mode, an AT END OF DATA statement block must be terminated with a corresponding END-ENDDATA statement. Example: READ ... AT END OF DATA COMPUTE ... DISPLAY ... END-ENDDATA DISPLAY ... END-READ END
Actn.	Correct error in program.

NAT0603: "END-BREAK" missing for AT BREAK statement in line :1:.

Text	"END-BREAK" missing for AT BREAK statement in line ....
Expl.	In structured mode, an AT BREAK statement block must be terminated by a corresponding END-BREAK statement. Example: READ ... AT BREAK ... DISPLAY ... END-BREAK DISPLAY END-READ END
Actn.	Correct error in program.

NAT0604: "END-TOPPAGE" missing for AT TOP OF PAGE in line :1:.

Text	"END-TOPPAGE" missing for AT TOP OF PAGE in line ....
Expl.	In structured mode, an AT TOP OF PAGE statement block must be terminated by a corresponding END-TOPPAGE statement. Example: READ ... DISPLAY ... AT TOP OF PAGE WRITE ... END-TOPPAGE DISPLAY ... END-READ END
Actn.	Correct error in program.

NAT0605: "END-ENDPAGE" missing for AT END OF PAGE in line :1:.

Text	"END-ENDPAGE" missing for AT END OF PAGE in line ....
Expl.	In structured mode, an AT END OF PAGE statement block must be terminated by a corresponding END-ENDPAGE statement. Example: READ ... AT END OF PAGE DISPLAY ... WRITE TRAILER ... END-ENDPAGE DISPLAY ... END-READ END
Actn.	Correct error in program.

NAT0606: "END-BEFORE" missing for BEFORE BREAK in line :1:.

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Text	"END-BEFORE" missing for BEFORE BREAK in line ....
Expl.	In structured mode, a BEFORE BREAK PROCESSING statement block must be terminated by a corresponding END-BEFORE statement.
Actn.	Correct error in program.

NAT0607: "END-NOREC" missing for IF NO RECORDS FOUND.

Text	"END-NOREC" missing for IF NO RECORDS FOUND.
Expl.	In structured mode, an IF NO RECORDS FOUND clause must be terminated with a corresponding END-NOREC statement. Example: FIND ... IF NO RECORDS FOUND DISPLAY ... END-NOREC DISPLAY END-FIND
Actn.	Correct error in program.

NAT0608: "END-ENDFILE" missing for AT END OF FILE in line :1:.

Text	"END-ENDFILE" missing for AT END OF FILE in line ....
Expl.	In structured mode, an AT END OF FILE statement block must be terminated by a corresponding END-ENDFILE statement. Example: READ WORK FILE AT END OF FILE COMPUTE ... DISPLAY ... END-ENDFILE DISPLAY ... END
Actn.	Correct error in program.

NAT0609: "END-ERROR" missing for ON ERROR statement in line :1:.

Text	"END-ERROR" missing for ON ERROR statement in line ...
Expl.	In structured mode, an ON ERROR statement block must be terminated by a corresponding END-ERROR statement. Example: FIND ... UPDATE ... ON ERROR RETRY END-ERROR END TRANSACTION END-FIND END
Actn.	Correct error in program.

NAT0610: This statement is not permitted in reporting mode.

Text	This statement is not permitted in reporting mode.
Expl.	An attempt was made to issue a statement which is valid in structured mode only.
Actn.	Make sure you are working in the correct programming mode.

NAT0611: Loop/condition not properly closed.

Text	Loop/condition not properly closed.
Expl.	An active loop or condition was not properly closed. For example, in structured mode, a FIND statement was issued without a corresponding END-FIND statement.
Actn.	Check program and correct error.

NAT0612: Specified close loop only permitted in structured mode.

Text	Specified close loop only permitted in structured mode.
Actn.	Check programming mode, program, and correct error.

NAT0613: "END-..." for corresponding FIND/SELECT is missing.

Text	"END-..." for corresponding FIND/SELECT is missing.
Expl.	In structured mode, a loop initiated with a FIND/SELECT statement must be closed with a corresponding END-FIND/END-SELECT statement. Example: FIND ... UPDATE END TRANSACTION END-FIND SELECT ... DISPLAY ... END-SELECT END
Actn.	Correct error in program.

NAT0614: "END-READ/BROWSE" for READ/BROWSE statement missing.

Text	"END-READ/BROWSE" for READ/BROWSE statement missing.
Expl.	In structured mode, a READ (BROWSE) statement must be followed by a corresponding END-READ (END-BROWSE) statement. Example: READ ... DISPLAY COMPUTE ... END-READ
Actn.	Check program and correct error.

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NAT0615: "END-HISTOGRAM" for corresponding HISTOGRAM is missing.

Text	"END-HISTOGRAM" for corresponding HISTOGRAM is missing.
Expl.	In structured mode, a HISTOGRAM statement must be followed by a corresponding END-HISTOGRAM statement. Example: HISTOGRAM ... DISPLAY ... END-HISTOGRAM
Actn.	Check program and correct error.

NAT0616: Keyword "END-SORT" is missing.

Text	Keyword "END-SORT" is missing.
Expl.	In structured mode, a SORT statement must be followed by a corresponding END-SORT statement. Example: FIND ... END-ALL SORT ... DISPLAY ... END-SORT
Actn.	Check program and correct error.

NAT0617: Keyword "END-REPEAT" for corresponding REPEAT is missing.

Text	Keyword "END-REPEAT" for corresponding REPEAT is missing.
Expl.	In structured mode, a REPEAT statement must be followed by a corresponding END-REPEAT statement. Example: REPEAT ... ... END-REPEAT
Actn.	Check program and correct error.

NAT0618: Keyword "END-FOR" for corresponding FOR is missing.

Text	Keyword "END-FOR" for corresponding FOR is missing.
Expl.	In structured mode, a FOR statement must be followed by a corresponding END-FOR statement. Example: FOR ... ... END-FOR
Actn.	Check program and correct error.

NAT0619: "END-WORK" for corresponding READ WORK FILE is missing.

Text	"END-WORK" for corresponding READ WORK FILE is missing.
Expl.	In structured mode, a READ WORK FILE statement must be followed by a corresponding END-WORK statement. Example: READ WORK FILE ... ... END-WORK
Actn.	Check program and correct error.

NAT0620: Keyword "END-FILE" for corresponding CALL FILE missing.

Text	Keyword "END-FILE" for corresponding CALL FILE missing.
Expl.	In structured mode, a CALL FILE statement must be followed by a corresponding END-FILE statement. Example: CALL FILE ... ... END-FILE
Actn.	Check program and correct error.

NAT0621: Keyword "END-LOOP" for corresponding CALL LOOP missing.

Text	Keyword "END-LOOP" for corresponding CALL LOOP missing.
Expl.	In structured mode, a CALL LOOP statement must be followed by a corresponding END-LOOP statement. Example: CALL LOOP ... ... END-LOOP
Actn.	Check program and correct error.

NAT0622: Unknown loop type was requested.

Text	Unknown loop type was requested.
Actn.	Use a valid type of processing loop.

NAT0623: Variable/field/view must be defined in DEFINE DATA.

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Text	Variable/field/view must be defined in DEFINE DATA.
Expl.	If a DEFINE DATA statement is present, all variables/fields to be used must be defined in the DEFINE DATA statement in an LDA, GDA or PDA referenced with the keyword USING in the DEFINE DATA statement. If this error occurs for a DDM and a DEFINE DATA statement is present, a view of the DDM (and of any database field referenced in the program) must be defined in the DEFINE DATA statement.
Actn.	Check program and correct error.

NAT0624: Statement END-... either missing or misplaced.

Text	Statement END-... either missing or misplaced.
Expl.	Example: READ ... IF AGE > 65 THEN COMPUTE ... DISPLAY ... END-READ END-IF END The statement END-IF must be before the END-READ and after the last statement to be executed in the THEN-clause of the IF-statement. This could be after the COMPUTE or the DISPLAY statement, depending on the actual function the program is to perform. Statements with the syntax "xxx ... END-xxx" must be correctly paired.
Actn.	Make sure that all statement blocks are terminated with corresponding "END-..." statements, and that the "xxx" and "END-xxx" statements are correctly paired.

NAT0625: END-DECIDE missing for DECIDE statement.

Text	END-DECIDE missing for DECIDE statement.
Expl.	A statement block initiated with a DECIDE ON or DECIDE FOR statement must be terminated with an END-DECIDE statement. This error may also occur if an END-DECIDE statement is misplaced.
Actn.	Make sure that each DECIDE statement is correctly paired with a corresponding END-DECIDE statement.

NAT0626: Statement does not support database type.

Text	Statement does not support database type.
Expl.	The statement cannot be used with the database type you are running. For details as to which statements support which database types, see the Natural Reference documentation.
Actn.	Check program and correct error.

NAT0629: Incompatible range combinations in relational expression.

Text	Incompatible range combinations in relational expression.
Expl.	When two arrays are compared in a relational expression, the number of occurrences in each dimension of the one array must match the number of occurrences in the corresponding dimension of the other array. If no corresponding dimension is defined for the other array, the dimension is assumed to be 1. A variable number of occurrences in one dimension must not be compared with a fixed number of occurrences in the corresponding dimension of the other array.
Actn.	Correct error in program.

NAT0630: Error in RESET INITIAL statement.

Text	Error in RESET INITIAL statement.
Expl.	See Natural Reference documentation for correct usage of RESET INITIAL statement. Note in particular that a RESET INITIAL of fields resulting from a redefinition is not possible and RESET INITIAL cannot be applied to database fields.
Actn.	Check program and correct error.

NAT0631: Invalid index specified in arithmetic/ASSIGN statement.

Text	Invalid index specified in arithmetic/ASSIGN statement.
Actn.	Check program and correct error.

NAT0632: Invalid view structure defined for HISTOGRAM statement.

Text	Invalid view structure defined for HISTOGRAM statement.
Expl.	When using the HISTOGRAM statement with a view, it must be defined with only one variable: the search variable.
Actn.	Check program and correct error.

NAT0633: Invalid use of view which contains super-/subdescriptor.

Text	Invalid use of view which contains super-/subdescriptor.
Expl.	Depending on the Adabas version a sub- or superdescriptor may be read with a HISTOGRAM statement only or with all database access statements. However, an UPDATE or STORE statement must not be applied to a sub- or superdescriptor.
Actn.	Correct error in program.

NAT0634: Access criterium not supported for this type of database.

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Text	Access criterium not supported for this type of database.
Expl.	The DBID of this DDM identifies a non-Adabas database. Non-Adabas databases introduce certain restrictions for Natural"s database-access statements.
Actn.	See Natural Reference documentation for restrictions which apply for the type of database you wish to access.

NAT0635: Incorr. use of keyword BY VALUE in DEFINE DATA statement.

Text	Incorr. use of keyword BY VALUE in DEFINE DATA statement.
Expl.	The keyword BY VALUE may only be supplied for fields defined in a DEFINE DATA PARAMETER clause. However, this is not permitted for REDEFINE fields or groups.
Actn.	Correct error in program.

NAT0636: Incorr. usage of STARTING WITH ISN clause.

Text	Incorr. usage of STARTING WITH ISN clause.
Expl.	A STARTING WITH ISN clause can only be used for - Adabas access : FIND READ logical READ physical - VSAM access : READ physical
Actn.	Correct error in program.

NAT0637: Invalid USING clause specified.

Text	Invalid USING clause specified.
Expl.	Invalid USING clause specified in OPEN CONVERSATION statement. Possible reasons for this error are: 1. Keyword USING missing. 2. Incorrect object name specified. Either a constant or a variable of type alpha and length <= 8 is expected.
Actn.	Correct error in program.

NAT0638: Invalid clause in CLOSE CONVERSATION statement.

Text	Invalid clause in CLOSE CONVERSATION statement.
Expl.	The operand in a CLOSE CONVERSATION statement is incorrect. Please specify keyword ALL or *CONVID or a variable of type (I4).
Actn.	Correct error in program.

NAT0639: The referenced GDA cannot be converted to V23.

Text	The referenced GDA cannot be converted to V23.
Expl.	When a GDA cataloged with V22 is referenced in a DEFINE DATA GLOBAL, the GDA contents will automatically be converted to a V23 layout. However, this does not work for this GDA object because of internal reasons.
Actn.	Recatalog the GDA.

NAT0640: Label reference not permitted for this statement type.

Text	Label reference not permitted for this statement type.
Expl.	Labels may be used to reference the following statements only: FIND, READ, GET, HISTOGRAM, SORT, FOR, CALL FILE, CALL LOOP, STORE and REPEAT.
Actn.	Check program and correct error.

NAT0641: Invalid DEFINE PRINTER statement syntax.

Text	Invalid DEFINE PRINTER statement syntax.
Expl.	The correct syntax is: DEFINE PRINTER (logical-name = n) OUTPUT operand1 where "logical-name" is the name allocated to printer, "n" is the printer number in range from 1 - 31, "operand1" is the destination within the online spooling system. Additional reports can be assigned for default with the following names: SOURCE - Output in Natural source area CONNECT - Output into a Con-nect folder DUMMY - Output to be deleted HARDCOPY - Output to the current hardcopy device
Actn.	Check program and correct error.

NAT0642: Invalid definition of OUTPUT variable/constant.

Text	Invalid definition of OUTPUT variable/constant.
Expl.	This field must be specified with format A8.
Actn.	Check program and correct error.

NAT0643: MULTI-FETCH option not applicable in this statement.

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Text	MULTI-FETCH option not applicable in this statement.
Expl.	The MULTI-FETCH option can only be used in: - FIND - HISTOGRAM - READ ... IN LOGICAL (ASC/DESC/VARIABLE) SEQUENCE However, it cannot be used in: - READ ... IN LOGICAL DYNAMIC SEQUENCE - READ ... IN PHYSICAL SEQUENCE - READ ... BY ISN In addition, a MULTI-FETCH option will be ignored (without a syntax error being issued) if the database-access statement reads the records "WITH HOLD"; that is, if a DELETE or UPDATE statement refers to the database-access statement.
Actn.	Check program and correct error.

NAT0644: Maximum number of parameters exceeded.

Text	Maximum number of parameters exceeded.
Expl.	The number of parameters permitted in a CALLNAT or PERFORM statement is limited to 4096.
Actn.	Reduce the number of parameters.

NAT0645: COBOL link failed.

NAT0646: COBOL time stamp mismatching error.

NAT0647: COBOL OPTIONS statement missing.

NAT0648: COBOL stack structure error.

NAT0649: Database type :1: not supported.

Text	Database type ... not supported.
Expl.	The database type is not supported by the current Natural version.
Actn.	Use another database type.

NAT0650: Incorrect comparator used in READ/HISTOGRAM for :1:.

Text	Incorrect comparator used in READ/HISTOGRAM for ....
Expl.	The comparators LT, GT, LE and GE cannot be used with the database type you are using. When the comparator LT, GT, LE or GE is used in a READ or HISTOGRAM statement, the underlying database has to be Adabas Version 7 (or above), VSAM, DL/I or DB2. Also, when a Super Natural user file is accessed, the comparators LT, GT, LE and GE cannot be used. For details on which statements support which database types, see the Natural documentation.
Actn.	Check program and correct error.

Natural System Error Messages NAT0651-NAT0700

NAT0651: Number of parameters (:1: / :2:) do not match.

Text	Number of parameters (CALLNAT NBR/SUBPGM NBR) do not match.
Expl.	The number of parameters defined in the referenced subprogram and supplied in the CALLNAT do not match.

NAT0652: Invalid use of DESCENDING clause.

Text	Invalid use of DESCENDING clause.
Expl.	The specified database defined by the view name does not support the processing of records in descending sequence in a READ or HISTOGRAM statement.
Actn.	Correct the specified database view or DESCENDING clause.

NAT0653: Invalid direction operand specified.

Text	Invalid direction operand specified.
Expl.	The field (#DIR) used to control the read direction in a READ ... IN VARIABLE #DIR SEQUENCE .. is not correctly specified. The expected format/length is (A1).
Actn.	Check program and correct error.

NAT0654: Invalid use or definition of NULL indicator field.

Text	Invalid use or definition of NULL indicator field.
Expl.	One of the following situations was encountered: 1. A NULL indicator field (N@..) is not defined in the DDM with format/length (I2). 2. A NULL indicator field used as search variable can only be used with the equal value operator ("=",EQ). Other operations (like NE,LT,..) are not permitted. 3. A NULL indicator field may not be used as sort field in a FIND .. SORTED BY .. clause. 4. If the FIND statement is generated for a DB2 access, the search value supplied must be a numeric constant.

NAT0655: Invalid use of WITH REPOSITION clause in READ statement.

Text	Incorr. use.of WITH REPOSITION clause in READ statement.
Expl.	Repositioning in an active loop by using READ ... WITH REPOSITION ... is only allowed for a READ logical statement for VSAM access.

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NAT0656: Specified column :1: of ORDER BY clause is not unique.

Text	Specified column :1: of ORDER BY clause is not unique.
Expl.	Column names specified within the ORDER BY clause must be unique within the select column list.
Actn.	Either define a unique name using the AS clause within the select column list and use this name or specify the number representing the position of the column within the select column list as order criteria.

NAT0657: Join-expression operands belong to same set of tables.

Text	Join-expression operands belong to same set of tables.
Expl.	The join-expression operands on different sides of the join-expression must belong to separate sets of joined-tables.
Actn.	Correct the join-expression so that the join-expression operands belong to separate tables.

NAT0658: Indicator variable not allowed for dynamic text variables.

Text	Indicator variable not allowed for dynamic text variables.
Expl.	The specification of indicator variables for dynamic text variables is not allowed.
Actn.	Remove the indicator variable from the dynamic text variable.

NAT0659: Illegal use of keyword UR within the with-clause.

Text	Illegal use of keyword UR within the WITH clause.
Expl.	The specification of "WITH UR" is only valid in select statements. In DELETE, UPDATE, and INSERT statements, the WITH clause can be specified only with the keyword CS or RR.
Actn.	Change the keyword in the WITH clause to either CS or RR or else omit the WITH clause.

NAT0660: COBOL GO TO DEPENDING ON INDEX error.

NAT0661: Restored joinlists level/layer doesn"t match actual layer.

Text	Restored joinlists level/layer doesn"t match actual layer.
Expl.	An internal compiler error occurred. For processing nested joined-tables, the compiler saves the joinlists with the context of the select level/layer on a stack. While restoring such a saved joinlist entry, the compiler detected that the actual level/layer did not match the saved select level/layer. This indicates that compiler processing in erroneous.
Actn.	Contact customer service.

NAT0662: Too many tables used in SELECT statement.

Text	Too many tables used in SELECT statement.
Expl.	The compiler can only process a maximum of 256 tables within one SQL statement. This limit has been exceeded.
Actn.	Use fewer tables in the SELECT statement.

NAT0663: Internal error: compiler detected a select level of zero.

Text	Internal error: compiler detected a select level of zero.
Expl.	The compiler detected a select level of zero, although this value should always be greater than zero. This is the result of an internal error.
Actn.	Contact customer service.

NAT0664: Nesting level of SELECT clauses exceed maximum.

Text	Nesting level of SELECT clauses exceeded maximum.
Expl.	The compiler can only process SELECT statements which have a SELECT clause nesting level of ten or less.
Actn.	Do not nest SELECT clauses more than ten times.

NAT0665: Too many SELECT statements on a single nesting level.

Text	Too many SELECT statements on a single nesting level.
Expl.	The compiler can only process up to 255 SELECT statements on a single level of nested SELECT statements.
Actn.	Reduce the number of SELECT statements on a single level.

NAT0666: Continue with creation of program after help request.

Text	Continue with creation of program after help request.
Expl.	This message does not indicate that an error condition exists. It is used only to re-display the last program line for modification, and to indicate that program creation may continue now that the help function was terminated normally.
Actn.	Carry on programming.

NAT0667: Online help not available in batch mode.

Text	Online help not available in batch mode.
Actn.	Check program and correct error.

NAT0668: Invalid block name specified or block does not exist.

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Text	Invalid block name specified or block does not exist.
Actn.	Check program and correct error.

NAT0669: The symbol table (SYT) of the GDA :1: could not be loaded.

Text	The symbol table (SYT) of the GDA :1: could not be loaded.
Expl.	During compile, the symbol table of the GDA referenced in the DEFINE DATA GLOBAL statement must be loaded. The load request failed and the compiler could not continue. Possible reasons: The symbol table of the GDA object was removed when it was transferred with NATUNLD/INPL.
Actn.	Provide a GDA including the symbol table.

NAT0670: "SELECT" missing after "UNION".

Text	"SELECT" missing after "UNION".
Expl.	The SELECT statement contains the keyword "UNION", which indicates that the SELECT statement is to be continued with a further sub-SELECT. The keyword "UNION" must be followed by the keyword "SELECT", which indicates the beginning of the subsequent sub-SELECT.
Actn.	Correct error in program.

NAT0671: "INTO" or "FROM" missing or misplaced.

Text	"INTO" or "FROM" missing or misplaced.
Expl.	The first SELECT statement of a UNION-concatenated SELECT construct must contain an INTO clause after the selection list. Any subsequent SELECT must not contain an INTO clause.
Actn.	Correct error in program.

NAT0672: Invalid specification of order element.

Text	Invalid specification of order element.
Expl.	Only integer-type constants and column variables are allowed as order elements. If the SELECT construct includes a "UNION", only integer-type constants are allowed.
Actn.	Correct error in program.

NAT0673: Number of SELECT-list and INTO-list elements do not match.

Text	Number of SELECT-list and INTO-list elements do not match.
Expl.	The number of specified SELECTION-list elements must be the same as the number of INTO-list elements. If "INTO VIEW ..." is used, only the real data variables are considered whereas redefined fields and groups are ignored.
Actn.	Correct error in program.

NAT0674: Invalid expression definition in SELECT list.

Text	Invalid expression definition in SELECT list.
Expl.	The specified SELECTION-list element is an invalid scalar expression.
Actn.	Correct error in program.

NAT0675: Invalid definition of INTO list/indicator variable.

Text	Invalid definition of INTO list/indicator variable.
Expl.	The specification of an INTO-list variable or an indicator variable is not valid. If an INTO-list variable has either not yet been defined or been defined more than once, Natural requires a proper format/length definition. An indicator variable must be of format/length (B2) or (I2).
Actn.	Correct error in program.

NAT0676: Invalid view name definition or view not found.

Text	Invalid view name definition or view not found.
Expl.	The specified view name is invalid or the view is not found in the program.
Actn.	Correct error in program.

NAT0677: Invalid scalar-function expression.

Text	Invalid scalar-function expression.
Actn.	Correct error in program.

NAT0678: Invalid aggregate-function expression.

Text	Invalid aggregate-function expression.
Expl.	The argument specified for a COUNT, SUM, AVG, MAX or MIN function is incorrect.
Actn.	Correct error in program.

NAT0679: Invalid table name specified, or database is not DB2.

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Text	Invalid table name specified, or database is not DB2.
Expl.	The specified table name is not a valid identifier. The database ID of the referenced DDM is not labelled as a DB2 database in the NTDB macro. Another reason for this error may be that the table specification includes an explicit authorization identifier, and the table name contains a hyphen; for example: SELECT ... FROM SQL.SQL-TABLE ... This is invalid. When a table name that contains a hyphen is used, it must not be prefixed with an explicit authorization identifier.
Actn.	Use valid table name; or do not use this statement for this type of database, or contact your Natural administrator.

NAT0680: The specified condition is invalid.

Text	The specified condition is invalid.
Expl.	Within the specified search-condition, Natural cannot resolve the specified condition, because the condition does not exist or is specified incompletely or incorrectly.
Actn.	Correct error in program.

NAT0681: Invalid condition specified.

Text	Invalid condition specified.
Expl.	This error may be caused by one of the following situations: - The subquery in an EXISTS condition is specified incorrectly. - For an opening parenthesis in a search-condition, the corresponding closing parenthesis is missing.
Actn.	Correct error in program.

NAT0682: Invalid LIKE condition specified.

Text	Invalid LIKE condition specified.
Expl.	One of the "atoms" specified after "LIKE" or after "ESCAPE" in a LIKE condition is invalid: an atom must be a constant or a valid user-defined variable.
Actn.	Correct error in program.

NAT0683: Keyword "NULL" missing in "IS <NOT> NULL" condition.

Text	Keyword "NULL" missing in "IS <NOT> NULL" condition.
Actn.	Correct error in program.

NAT0684: Invalid BETWEEN or IN condition specified.

Text	Invalid BETWEEN or IN condition specified.
Expl.	This error may be caused by one of the following situations: - The scalar-expression after "BETWEEN" or after "AND" in a BETWEEN condition is invalid. - The keyword "AND" in a BETWEEN condition is missing. - In an IN condition, the specified subquery is invalid, or the specified atoms are invalid, or the list of atoms is not enclosed correctly in parentheses.
Actn.	Correct error in program.

NAT0685: Wrong subquery in ALL/ANY/SOME condition.

Text	Wrong subquery in ALL/ANY/SOME condition.
Expl.	The subquery after the keyword "ALL", "ANY" or "SOME" is either missing or incorrect.
Actn.	Correct error in program.

NAT0686: Invalid subquery.

Text	Invalid subquery.
Expl.	After the opening parenthesis and the keyword "SELECT" in a subquery, the selection or table-expression is missing or invalid, or the closing parenthesis at the end of the subquery is missing.
Actn.	Correct error in program.

NAT0687: Invalid column-reference in GROUP BY clause.

Text	Invalid column-reference in GROUP BY clause.
Actn.	Correct error in program.

NAT0688: Invalid INTO fields for "SELECT *".

Text	Invalid INTO fields for "SELECT *".
Expl.	If "SELECT * ..." is used, all variable names specified in the INTO clause must be table variables: - If a view is specified in the INTO clause, all fields defined in that view must be contained in the corresponding table(s). - If individual fields are specified in the INTO clause, all these fields must be contained in the corresponding table(s).
Actn.	Correct error in program.

NAT0689: The specified view is empty.

Text	The specified view is empty.
Expl.	The view specified in the INTO VIEW clause does not contain any "real" database fields.
Actn.	Correct error in program.

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NAT0690: Master field for indicator :1: not in view.

Text	Master field for indicator ... not in view.
Expl.	The view specified in the INTO clause contains an invalid indicator variable name: when a name of field in a view is prefixed with "L@" or "N@", Natural treats this field as an indicator field, which means that the name following the prefix must be the name of a database field already defined in that view. This master field is missing.
Actn.	Correct error in data area.

NAT0691: Invalid format/length def. for indicator :1:.

Text	Invalid format/length def. for indic. variable ....
Expl.	The format/length of an INDICATOR or LINDICATOR variable must be either (B2) or (I2). This applies even if the master is not alphanumeric or binary.
Actn.	Correct error in program.

NAT0692: Range variable :1: incorrectly specified.

Text	Range variable ... incorrectly specified.
Expl.	1) A range variable cannot be qualified. 2) The same range variable has been used twice. 3) An alias range variable specified for a view is not assigned to a table.
Actn.	Correct error in program.

NAT0693: Indicator variable not allowed as a column reference.

Text	Indicator variable not allowed as a column reference.
Expl.	Special DDM fields with the name prefix N@ or L@ cannot be used as column references because they are unknown to the database.
Actn.	Correct error in program.

NAT0694: Field :1: must not be used in SELECT or SQL UPDATE view.

Text	Field ... must not be used in SELECT or SQL UPDATE view.
Expl.	Views referenced in a SELECT or SQL UPDATE statement must not contain periodic-group fields or count-variable fields (C*...), as neither of these are supported by DB2.
Actn.	Remove the above-mentioned fields from the view.

NAT0695: User-defined variables not permitted in SELECT list.

Text	User-defined variables not permitted in SELECT list.
Expl.	Each field specified in the SELECT list must be either a column of a table specified in the corresponding FROM clause or a constant; user-defined variables are not permitted.
Actn.	Correct error in program.

NAT0696: UPDATE only possible with "SELECT * INTO VIEW".

Text	UPDATE only possible with "SELECT * INTO VIEW".
Expl.	When you use an UPDATE statement in conjunction with a SELECT statement, the SELECT statement must be of the form "SELECT * INTO VIEW"; with any other form of the SELECT statement, UDPATE is not possible. In reporting mode, you must specify "UPDATE SAME" to update a view read with a SELECT statement; an explicit specification of the columns to be updated is not possible.
Actn.	Use the correct combination of SELECT and UPDATE in the program.

NAT0697: Inconsistent setting of parentheses in SELECT UNION.

Text	Inconsistent setting of parentheses in SELECT UNION.
Expl.	The grouping of multiple SELECT expressions that are concatenated with "UNION" contains an error: either there is an opening parenthesis without a corresponding closing parenthesis, or vice versa.
Actn.	Correct error in program.

NAT0698: Field :1: must be qualified as it exists in both tables.

Text	Field ... must be qualified as it exists in both tables.
Expl.	The SELECT statement accesses more than one table, and one of the fields referenced is contained in two (or more) tables; the reference is therefore ambiguous.
Actn.	Specify a qualifier with the field.

NAT0699: Column :1: not found within table.

Text	Column :1: not found within table.
Expl.	The column specified in the SQL statement could not be found in the table specified.
Actn.	Specify a valid or defined column or omit the reference mentioned.

NAT0700: Keyword "SET" missing or invalid range-variable specified.

Text	Keyword "SET" missing or invalid range-variable specified.
Expl.	In the SQL UPDATE statement after the table specification, either the keyword "SET" is missing, or the range-variable is incorrect.
Actn.	Correct error in program.

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Natural System Error Messages NAT0701-NAT0750

NAT0701: Invalid assignment clause in SQL UPDATE statement.

Text	Invalid assignment clause in SQL UPDATE statement.
Expl.	The specified column does not exist in the referenced table that is to be updated; or the equal sign (=) after the column specification is missing; or the scalar-expression after the equal sign contains an error.
Actn.	Correct error in program.

NAT0702: With a view, only "SET *" is allowed in SQL UPDATE.

Text	With a view, only "SET *" is allowed in SQL UPDATE.
Expl.	When a view is referenced in an SQL UPDATE statement, "SET *" must be specified; an explicit assignment list is only allowed and required when a DDM is referenced in the SQL UPDATE statement.
Actn.	Correct error in program.

NAT0703: Invalid range-variable specified in SQL INSERT/DELETE.

Text	Invalid range-variable specified in SQL INSERT/DELETE.
Expl.	In an SQL INSERT or SQL DELETE statement, an invalid range-variable (identifier) has been specified after the DDM (table) name.
Actn.	Correct error in program.

NAT0704: Opening or closing parenthesis missing in INSERT.

Text	Opening or closing parenthesis missing in INSERT.
Expl.	In an INSERT statement, either the list of field names or the list of values is not correctly enclosed in parentheses.
Actn.	Correct error in program.

NAT0705: Field to be INSERTed is not in specified DDM/table.

Text	Field to be INSERTed is not in specified DDM/table.
Expl.	The field specified in the column list of the INSERT statement does not exist in the referenced DDM/table.
Actn.	Correct error in program.

NAT0706: Invalid value specified in VALUES clause of INSERT.

Text	Invalid value specified in VALUES clause of INSERT.
Expl.	Values specified in the VALUES clause of an INSERT statement must be one of the following: - the keyword "NULL" (to assign a null value) - a special register (USER, CURRENT TIMEZONE, CURRENT DATE, CURRENT TIME, CURRENT TIMESTAMP), - a constant or a user-defined variable.
Actn.	Correct error in program.

NAT0707: Numbers of specified columns and values do not match.

Text	Numbers of specified columns and values do not match.
Expl.	In an INSERT statement, the number of the specified columns must be the same as the number of the values (as either specified with the VALUES clause or supplied via the SELECT clause).
Actn.	Correct error in program.

NAT0708: VALUES clause missing or invalid SELECT clause specified.

Text	VALUES clause missing or invalid SELECT clause specified.
Expl.	In an INSERT statement, either a valid VALUES clause or a valid SELECT clause must be specified.
Actn.	Correct error in program.

NAT0709: Incorrect usage of index range field.

Text	Incorrect usage of index range field.
Expl.	1) When an array range is used as a parameter in an SQL statement (e.g. SELECT, INSERT), the lower index of the specified range must be 1. Example: INSERT INTO table (col) VALUES (arr(1:3)) 2) The data type of a field specified with an index range must be alphanumeric or binary. In the example of 1) arr must be defined as A or B. 3) Arrays must be one-dimensional. That is, arrays that are defined in DEFINE DATA as (A10/1:3;1:5) are not permitted. 4) Variable index ranges, such as (1:I), are not permitted.
Actn.	Check syntax.

NAT0710: The CLSID was not found in the registry (DCOM code :1:).

Text	The CLSID was not found in the registry (DCOM code :1:).
Expl.	The CLSID associated with the given class name was not found in the registry.
Actn.	Make sure that the class name used in the CREATE OBJECT statement is correctly registered.

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NAT0711: The object could not be created (DCOM code :1:).

Text	The object could not be created (DCOM code :1:).
Expl.	The object of the class specified in the CREATE OBJECT statement could not be created. Common reasons are: 1) The class is not correctly registered. 2) You are not authorized to create the object. 3) The specified node does not exist or could not be reached.
Actn.	Check if one of the above conditions applies.

NAT0714: Internal error (DCOM code :1:).

Text	Internal error (DCOM code :1:).
Expl.	An internal error occurred because of one of the following reasons: 1) A string could not be converted from Ansi to Unicode. 2) An automation interface function failed to execute. 3) The default dispatch interface was not returned during object creation. 4) Analyzing the type information failed. 5) A dispatch interface could not be retrieved.
Actn.	Check if the used class is correctly registered.

NAT0715: Registry entry could not be changed.

Text	Registry entry could not be changed.
Expl.	Natural could not change or create entries in the system registry which are needed to register the DCOM class.
Actn.	Check, if you have permission to change the system registry. If this is not the case, you cannot register classes.

NAT0716: Registry entry could not be deleted.

Text	Registry entry could not be deleted.
Expl.	Natural could not delete entries in the system registry which are no longer needed when the DCOM class is unregistered. 1. Check if you have permission to delete entries from the system registry. If this is not the case, you cannot unregister classes. 2. Check if the CLSID of the class which should be unregistered was changed after registering the class. In this case it is not possible to find the class in the registry.
Actn.	See explanation.

NAT0717: Registry entry could not be read.

Text	Registry entry could not be read.
Expl.	Natural could not read entries in the system registry, which is needed to register/unregister the DCOM class.
Actn.	Check, if you have permission to read the system registry. If this is not the case, you cannot register/unregister the DCOM class.

NAT0718: Internal error during registration.

Text	Internal error during registration.
Expl.	Internal error during registration.
Actn.	Unregister the class first and try to register it again.

NAT0719: Registration files could not be created correctly.

Text	Registration files could not be created correctly.
Expl.	It was not possible to create the server and client registration files (.reg) for the class.
Actn.	Check, if you have permission to create these files.

NAT0720: DCOM server message: :1:.

Text	DCOM server message: :1:.
Expl.	The DCOM server, which was called by the Natural client, returns the message displayed above.
Actn.	None.

NAT0723: Interactive I/O not possible in server environment.

Text	Interactive I/O not possible in server environment.
Expl.	An attempt was made to execute an interactive I/O (I/O to report 0), while Natural is acting as a server.
Actn.	Check and correct the program. Input data for the Natural INPUT statement may be supplied via the Natural stack. Any output to report 0 may be redirected using the MAINPR parameter.

NAT0724: Invalid object handle used.

Text	Invalid object handle used.
Expl.	An object handle can only be used after the object has been created with a CREATE OBJECT statement, or after a valid handle has been assigned to it.
Actn.	Make sure that the object has been successfully created before it is used in a SEND METHOD statement or property access.

NAT0725: Invalid placement of :1: statement

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Text	Invalid placement of a statement.
Expl.	1. The DEFINE CLASS statement may only be specified in a Natural class object and only specified once per class object. 2. An invalid statement has been specified in a Natural class object. In a class object no other statement than DEFINE CLASS and END may be specified.
Actn.	Check the placement of the statement and correct error.

NAT0726: Invalid :1: name specified.

Text	An invalid name has been specified.
Expl.	In a DEFINE CLASS statement the following rules apply to various names: 1. The class, interface, property or method name must not have more than 32 characters. 2. The class name may contain periods. Each identifier separated by a period must conform to the naming conventions for user-defined variables. 3. Interface, property or method names must conform to the naming conventions for user-defined variables. The interface name must not be identical to the class name. 4. The copy code or subprogram name must not have more than 8 characters.
Actn.	Check the name and correct error.

NAT0727: :1: name is not defined.

Text	The name is not defined.
Expl.	In a PROPERTY statement - the interface is not defined or - the property name is not defined for the interface specified. In a METHOD statement - the interface name is not defined or - the method name is not defined for the interface specified.
Actn.	Check the name and correct error.

NAT0728: Keyword :1: expected.

Text	The appropiate keyword is expected.
Expl.	The appropiate keyword is expected.
Actn.	Check the keyword and correct error.

NAT0729: :1: name already defined.

Text	This name is already defined.
Expl.	The interface name is not unique in the specified class or the property or method name is not unique for the specified interface.
Actn.	Check the name and correct error.

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NAT0730: Property and assigned object var. not data-transfer compatible.

Text	Property and assigned object var. not data-transfer compatible.
Expl.	The format/length specifications of the property and the assigned object variable are not data-transfer compatible. If the attribute READONLY is specified, the rule for data transfer of the object variable as sending field and the property as receiving field apply. Otherwise the data transfer rules for the property and the assigned object variable as sending and receiving fields apply.
Actn.	Check the format/length specifications and correct error.

NAT0731: No object variable assigned to property :1:

Text	No object variable assigned to property :1:.
Expl.	No object variable is assigned to the property.
Actn.	Assign an object variable to the property.

NAT0732: Invalid globally unique ID specified.

Text	Invalid globally unique ID specified.
Expl.	The specified value is not a valid globally unique ID.
Actn.	Check the value of the valid globally unique ID and correct error.

NAT0733: The type information could not be retrieved :1:

Text	The type information could not be retrieved
Expl.	In certain situations Natural needs type information about a class to use it. The type information for the class could not be found. A common reason is that the class is not correctly registered on the server side.
Actn.	Make sure that the class is correctly registered and type information exists.

NAT0734: The interface :1: was not found.

Text	The interface :1: was not found.
Expl.	The specified interface was not found in the object"s type information.
Actn.	Check the specified interface name.

NAT0735: The method or property was not found (DCOM code :1:).

Text	The method or property was not found (DCOM code :1:).
Expl.	The specified method or property was not found in any of the object"s interfaces.
Actn.	Check the specified interface name (if any), the method or the property name.

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NAT0736: The Natural object of class :1: could not be created.

Text	The Natural object of class :1: could not be created.
Expl.	With the class name specified in the CREATE OBJECT statement it was not possible to create the object. A possible reason is that the corresponding Natural class module was not found at the place where it was registered.
Actn.	Check the class name used in the CREATE OBJECT statement and check if the corresponding Natural class module is available.

NAT0737: The method or property was not found.

Text	The method or property was not found.
Expl.	The specified method or property was not found in any of the object"s interfaces.
Actn.	Check the specified interface name (if any), the method or the property name.

NAT0738: A class with the same :1: :2: already exists as member :3:.

Text	A class with the same name already exists.
Expl.	You have used a class name which already exists in another class module. The class names within a library must be unique.
Actn.	Change the class name.

NAT0739: READONLY property :1: must not be modified.

Text	READONLY property :1: must not be modified.
Expl.	If a property is declared as read-only, it must not be modified.
Actn.	Correct error in program.

NAT0740: Invalid dispatch ID of :1: :2: in interface :3:.

Text	Invalid dispatch ID of ... ... in interface ....
Expl.	Methods and properties of classes have numeric identifiers (the so-called dispatch IDs) assigned. Normally these IDs are assigned internally and automatically by Natural. If you explicitly assign an ID to a method or property using the ID clause, you have to assign the numbers uniquely per interface. Dispatch IDs must be positive integer values.
Actn.	Assign a different ID to ensure uniqueness and correct format, or do not assign an ID at all.

NAT0741: No globally unique ID defined for interface :1: of class :2:.

Text	No globally unique ID defined for interface :1: of class :2:.
Expl.	The globally unique ID for the given interface is missing in the Natural class definition. The ID is needed to enter information for this interface in the registry.
Actn.	Define a globally unique ID for the interface.

NAT0742: Type Library creation for class :1: failed.

Text	Type Library creation for class :1: failed.
Expl.	The type library (.TLB) which is created during registration of a Natural class in the Natural etc directory could not be created. A possible reason is that a type library for the given class already exists and has been opened by another tool. So Natural cannot modify it.
Actn.	Check, if the type library is being used by another tool.

NAT0743: No registry information entered for :1:.

Text	No registry information entered for ....
Expl.	If a Natural class is to be accessible with DCOM, it has to be entered in the registry. If the class is to be used only locally in Natural, this is not necessary.
Actn.	If you do not want to use the class with DCOM, you can ignore this error message. Otherwise define a valid ID for the class and define at least one interface for the class.

NAT0744: Conflicting number of parameters in SEND METHOD.

Text	Conflicting number of parameters in SEND METHOD.
Expl.	The number of parameters which are specified with the SEND METHOD statement must be identical to both: - the number of parameters, that are defined in the method, - the number of parameters, that are declared in the method declaration of the DEFINE CLASS statement.
Actn.	Check the parameter definitions in the class module, in the method and the parameters in the SEND METHOD statement.

NAT0745: Error during conversion of parameter :1: in SEND METHOD.

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Text	Error during conversion of parameter :1: in SEND METHOD.
Expl.	The parameter could not be converted to an appropriate VARIANT format, or the VARIANT format returned from the server could not be converted to an appropriate Natural format. Some possible reasons are: - A Natural variable of format "C" cannot be passed as a method parameter. - Arrays passed as arguments must match the corresponding method parameter in number of dimensions and number of occurrences per dimension.
Actn.	Consult the data conversion rules in the NaturalX documentation.

NAT0746: Class name :1: already defined in the registry.

Text	Class name :1: already defined in the registry.
Expl.	The class cannot be registered, because a class with the same name but a different CLSID has been found in the system registry.
Actn.	Change the class name so that it is unique.

NAT0747: No classes are registered under server ID :1:.

Text	No classes are registered under server ID :1:.
Expl.	The UNREGISTER command was used to unregister all classes that are registered under a given server ID, or under the current server ID. Currently there are no classes registered under this server ID.
Actn.	None.

NAT0748: Error during conversion of property value or return value.

Text	Error during conversion of property value or return value.
Expl.	The property value or return value could not be converted to an appropriate VARIANT format, or the VARIANT format passed back from the server could not be converted to an appropriate Natural format. Some possible reasons are: - A Natural variable of format "C" cannot be passed as property value or received as return value. - Arrays passed as property value or received as return value must match the corresponding property or return parameter in number of dimensions and number of occurrences per dimension.
Actn.	Consult the data conversion rules in the NaturalX documentation.

NAT0750: NATGWCOM, initialisation of COM failed, reason :1:.

 Natural System Error Messages NAT0701-NAT0750

Text	NATGWCOM, initialisation of COM failed, reason ....
Expl.	Natural cannot connect to COM. Reason code: 01 Module NATCOMST cannot be loaded. 02 Module NATCOM cannot be loaded. 03 Invalid version of NATCOM. 04 Server initialization failed. 05 Client initialization failed.
Actn.	Check your NaturalX installation.

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Natural System Error Messages NAT0751-NAT0800

NAT0751: :1: class :2:/:3: failed, reason :4: :5:.

Text	:1: class :2:/:3: failed, reason :4: :5:.
Expl.	Reason 1: Error during "SEARCH CLASS" occurred. 2: Class or classes not found. 3: COM not available. 4: NATGWCOM cannt be loaded. 5: Return code from NATGWCOM. 6: Class already registered with a different class GUID. 7: Cannot OPEN registry. 8: Error during register server information. 9: Error during register client information. 10: No valid Natural environment (NATDIR/NATVERS). 11: Invalid activation policy or no default server specified. 12: Internal error.

NAT0759: Redefinition of handle variables not allowed.

Text	Redefinition of handle variables not allowed.
Expl.	A variable of type HANDLE must not be redefined and cannot be a redefine variable.
Actn.	Check and correct handle definition.

NAT0760: Incorrect OPTIMIZE FOR clause.

Text	Incorrect OPTIMIZE FOR clause.
Expl.	1) An OPTIMIZE FOR cannot be supplied for a SELECT SINGLE statement. 2) The value specified in the OPTIMIZE FOR is not an integer constant. 3) The keyword ROWS is missing after the integer constant.
Actn.	Check and correct syntax.

NAT0761: Incorrect use of UPDATE/DELETE .. WHERE CURRENT CURSOR.

Text	Incorrect use of UPDATE/DELETE .. WHERE CURRENT CURSOR.
Expl.	An UPDATE/DELETE table WHERE CURRENT CURSOR must reference a SELECT statement. It cannot, for example, reference a FIND statement.
Actn.	Check and correct syntax.

NAT0762: UPDATE/DELETE table mismatch with SELECT statement.

Text	UPDATE/DELETE table mismatch with SELECT statement.
Expl.	The table referenced in an UPDATE table WHERE CURRENT CURSOR or DELETE FROM table WHERE CURRENT CURSOR statement is not the table specified in the corresponding SELECT statement.
Actn.	Check and correct syntax.

NAT0763: Incorrect alphanumeric constant specified in <<....>>.

Text	Incorrect alphanumeric constant specified in <<....>>.
Expl.	The constant specified in <<...>> does not adhere to the rules for Natural constants. For example, alpha constants must be enclosed in apostrophes.
Actn.	Check and correct syntax.

NAT0764: Variable reference in <<...>> cannot be resolved.

Text	Variable reference in <<...>> cannot be resolved.
Expl.	1) The token directly following the variable indicator (:) does not adhere to the rules for variable names. 2) The variable specified is not defined in the program.
Actn.	Check and correct syntax.

NAT0765: No valid correlation name after AS keyword in FROM clause.

Text	No valid correlation name after AS keyword in FROM clause.
Expl.	A correlation name is required after the keyword AS in the FROM clause of a SELECT statement. This name could not be found.
Actn.	Either drop the keyword AS or insert a valid correlation name behind the keyword.

NAT0766: Keyword JOIN expected after INNER, LEFT, RIGHT, FULL, etc.

Text	Keyword JOIN expected after INNER, LEFT, RIGHT, FULL, etc.
Expl.	The keyword JOIN is required after one of the keywords INNER, LEFT, LEFT OUTER, RIGHT, RIGHT OUTER, FULL, FULL OUTER.
Actn.	Insert the keyword JOIN.

NAT0767: A correlation name is required in this FROM clause.

Text	A correlation name is required in the FROM clause.
Expl.	When a subquery is specified in a FROM clause, a correlation name is required. This name must follow the SUBSELECT clause.
Actn.	Insert a correlation name after the subquery within the FROM clause.

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NAT0768: No valid table reference found in FROM clause.

Text	No valid table reference found in FROM clause.
Expl.	The FROM clause contains no valid table name. Either specify a table name or a subquery of a joined table expression.
Actn.	Correct the FROM clause by specifying a valid table name.

NAT0769: Illegal use of keyword VALUE or COALESCE in join.

Text	Illegal use of keyword VALUE or COALESCE in join.
Expl.	The keywords VALUE and COALESCE can only be used in a join expression if the related join operation is a FULL join or a FULL OUTER join.
Actn.	Use VALUE and COALESCE keywords only if a FULL join is specified.

NAT0770: Closing bracket missing in nested joined-table expression.

Text	Closing bracket missing in nested join-table expression.
Expl.	In a nested joined-table expression, the number of opening brackets must be equal to the number of closing brackets.
Actn.	Insert a closing bracket.

NAT0771: Expression requires join-condition keyword ON.

Text	Expression requires join-condition keyword ON.
Expl.	The keyword ON is missing in a joined-table expression. The joined-table expression must have a join-condition which starts with the keyword ON. The join-condition expression looks like: ON <join-expression> <relational-operator> <join-expression>
Actn.	Insert the keyword ON.

NAT0772: Join-condition contains an invalid relational operator.

Text	Join-condition contains an invalid relational operator.
Expl.	The join-condition contains an invalid relational operator. Valid operators are: = = <> > > < < >= <= For a FULL join or FULL OUTER join, only "=" is valid.
Actn.	Specify the correct relational operator.

NAT0773: At least two column names must follow VALUE or COALESCE.

Text	At least two column names must follow VALUE or COALESCE.
Expl.	After the keyword VALUE or COALESCE, at least two column names must follow. These column names must be separated by a comma and placed within parentheses. For example: VALUE (column1,column3,...,columnX) Ensure that none of the following syntax elements is missing: - An opening parenthesis. - A closing parenthesis. - A separating comma.
Actn.	Insert the missing comma, operand, or parenthesis.

NAT0774: Column name does not belong to any table to be joined.

Text	Column name does not belong to any table to be joined.
Expl.	The join-expression may only contain column names which belong to one of the tables to be joined. At least one of the column names does not belong to any of the joined tables.
Actn.	Check column names to determine which do not belong to a joined table. Correct the table name in the join expression.

NAT0775: Illegal clause applied in singleton select statement.

Text	Illegal clause used in singleton select statement.
Expl.	The SINGLETON SELECT statement returns maximum one row of a table. The use of the clauses UNION, GROUP BY, HAVING and ORDER BY is therefore not valid because each clause operates on a set of rows whose cardinality is greater than one.
Actn.	Remove the UNION, GROUP BY, HAVING AND ORDER BY clauses from the SINGLETON SELECT statement

NAT0776: Program cannot be executed.

Text	Program cannot be executed.
Expl.	While loading the Natural program, an internal, non-recoverable error has occurred. The program could not be loaded into the Natural buffer pool.
Actn.	Check program and/or contact your Natural administrator.

NAT0777: Buffer pool full.

Text	Buffer pool full.
Expl.	The Natural buffer pool is full. With Natural Version 2, the cataloged Natural program must be loaded into the Natural buffer pool. If there is not enough space available, the program cannot be executed.
Actn.	Contact your Natural administrator.

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NAT0778: Program not ready for execution.

Text	Program not ready for execution.
Expl.	The program to be executed is in the process of being cataloged by another user. When loading this program into the Natural buffer pool, Natural can not guarantee that the program code is in a correct and executable state.
Actn.	Execute the program at a later point in time.

NAT0779: Program cannot be executed.

Text	Program connot be executed.
Expl.	This message appears if Natural has tried unsuccessfully 32 times to load the program into the Natural buffer pool.
Actn.	Contact your Natural administrator.

NAT0780: Invalid Case-Expression.

Text	Invalid Case-Expression.
Expl.	The specified Case-Expression is invalid. Either the keywords ELSE, THEN, WHEN , END are misplaced or one of these keywords is missing or one of the Sub-Expressions is invalid.
Actn.	Check the syntax of the Case-Expression and correct it.

NAT0781: Internal Natural DB2 error.

Text	Internal Natural DB2 error.
Actn.	Provide the Natural source and object program and contact Software AG support.

NAT0782: No fields were selected by a FIND statement.

Text	No fields were selected by a FIND statement.
Expl.	Natural DB2: A FIND statement followed by an UPDATE will not retrieve any fields; it will result in the generation of a SELECT with an empty column list.
Actn.	Check program and correct error.

NAT0783: Invalid Natural statement for DB2 access.

Text	Invalid Natural statement for DB2 access.
Expl.	The following Natural statements are not supported when accessing a DB2 database: - GET - STORE USING NUMBER (ISN)
Actn.	Check program and correct error.

NAT0784: Insufficent space for SQL statement generation.

Text	Insufficient space for SQL statement generation.
Expl.	During generation of SQL statements the buffer containing the generated statements has overflowed. Usually the buffer is at least 64k or what is left in the thread/partion/region.
Actn.	Start Natural in greater thread/partition/region or reduce number or size of SQL statements.

NAT0785: Internal Natural DB2 error.

Text	Internal Natural DB2 error.
Actn.	Provide the Natural source and object program, and contact Software AG support.

NAT0786: No fields assigned for an UPDATE statement.

Text	No fields assigned for an UPDATE statement.
Expl.	Natural DB2: An UPDATE statement is present, but no database fields are specified for the view.
Actn.	Assign a value to a DB2 column.

NAT0787: A read-only field may not be modified.

Text	A read-only field may not be modified.
Expl.	Natural DB2: Read-only fields were specified in an UPDATE statement. This is not allowed, because these fields may not be modified.
Actn.	Check program and correct error.

NAT0788: UPDATE/DELETE must not be used in conj. with FIND SORTED.

Text	UPDATE/DELETE must not be used in conj. with FIND SORTED.
Expl.	UPDATE/DELETE must not be used in conjunction with READ BY, FIND ... ORDER BY, SELECT ... ORDER BY or READ RESULT SET according to DB2 processing logic.
Actn.	Correct error in program.

NAT0789: Field in SORTED BY clause is not referenced.

Text	Field in SORTED BY clause is not referenced.
Expl.	Natural DB2: A field referenced in the SORTED BY clause is not referenced anywhere in the program.
Actn.	Check program and correct error.

NAT0790: No primary key in an IMS access.

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Text	No primary key in an IMS access.
Expl.	Natural DB2 needs a primary key for UPDATE or DELETE if the loop contains a terminal statement.
Actn.	Change program according the Natural DB2 file-server logic.

NAT0791: Data type not supported.

Text	Data type not supported.
Expl.	The search criterion contains a Natural variable or constant of a format that is not supported by the DB2 database manager. Unsupported formats are: N (numeric unpacked) I1 (integer with length of 1) L (logical) D (date) T (time)
Actn.	Do not use the above formats in a program that accesses a DB2 database.

NAT0792: Null or length referenced without the master field.

Text	Null or length referenced without the master field.
Expl.	When referencing a length-indicator or null-indicator field, the corresponding master field to which the length or null indicator applies must also be referenced.
Actn.	Correct program.

NAT0793: Null or length indicator cannot be used as descriptor.

Text	Null or length indicator cannot be used as descriptor.
Expl.	A null indicator or length indicator cannot be used as a descriptor, only master fields can be used as search criteria.
Actn.	Change search criterion in Natural program.

NAT0794: SELECT FOR UDPATE, but UPDATE not allowed.

Text	SELECT FOR UDPATE, but UPDATE not allowed.
Expl.	This message also appears with the statement SELECT SINGLE FOR UPDATE where UPDATE is not allowed.
Actn.	Check and correct program.

NAT0795: SELECT FOR UPDATE over more than one table.

Text	SELECT FOR UPDATE over more than one table.

NAT0796: SELECT statement without FROM clause.

Text	SELECT statement without FROM clause.

 Natural System Error Messages NAT0751-NAT0800

NAT0797: Set name is only allowed for Adabas files.

Text	Set name is only allowed for Adabas files.
Expl.	A set name has been specified in the basic search criterion of a FIND statement, but the file to be accessed is not an Adabas file. See Natural documentation, FIND statement, for information on which search criteria are possible for which type of database.
Actn.	Change the search criterion in your program.

NAT0800: Logon failed after :1: consecutive errors.

Text	Logon failed after ... consecutive errors.
Expl.	The Natural session has been terminated as a result of too many unsuccessful logon attempts.
Actn.	Start a new Natural session after verifying your user ID and/or password.

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Natural System Error Messages NAT0801-NAT0850

NAT0801: No access rights defined for this utility.

NAT0802: Access to system file :1: denied, reason :2:.

Text	Access to system file ... denied, reason ....
Expl.	Possible reasons: - 2: The usage of the system file is restricted in a Natural Development Server environment. - 12: You are not allowed to use this library session profile.
Actn.	Contact your Natural Security administrator.

NAT0803: Libraries SYSLIB and SYSLIBS reserved for system usage.

Text	Libraries SYSLIB and SYSLIBS reserved for system usage.
Expl.	You cannot log on the libraries SYSLIB and SYSLIBS, as these libraries are reserved for Natural-internal system usage.
Actn.	Log on to another library.

NAT0804: Re-enter new password to confirm password change.

Text	Re-enter new password to confirm password change.
Expl.	If you wish to change your password, you must type in the new password a second time so as to confirm the password change. This confirmation is necessary to prevent typing errors in passwords (which may occur as the password and new password are not visible on the logon screen).
Actn.	If password modification was intended, enter your new password again. If password modification was not intended, press ENTER to resume the logon procedure.

NAT0805: New password was not confirmed; logon failed.

Text	New password was not confirmed; logon failed.
Expl.	The logon procedure required that you enter your new password a second time so as to confirm the password change. However, the second time you entered either no new password at all or one which was different from that entered the first time; this means that the password change was not confirmed.
Actn.	Log on again.

NAT0806: Library not found.

Text	Library not found.
Expl.	The library to which you wish to log on is not defined to Natural Security. Under Natural Security, any Natural library which is to be used must have been defined to Natural Security.
Actn.	Contact your Natural Security administrator.

NAT0807: Logon to this library is not permitted.

Text	Logon to this library is not permitted.
Expl.	The library to which you wish to log on is protected. To be able to log on to this library, you must be linked to it, but you are not.
Actn.	Contact your Natural Security administrator.

NAT0808: No restartable library found.

Text	No restartable library found.
Expl.	You have specified "RESTART" in the logon procedure, but no restart library was available.
Actn.	Use the RESTART option only after having been active in a library; and/or contact your Natural Security administrator.

NAT0809: Terminal ID not permitted for logon.

Text	Terminal ID not permitted for logon.
Expl.	A terminal ID was entered as a user ID. This is not permitted. Access to a terminal-protected library may be gained by using the library ID.
Actn.	Use the appropriate library ID and no user ID.

NAT0810: Group ID not permitted for logon.

Text	Group ID not permitted for logon.
Expl.	A group ID was entered as a user ID in the logon procedure. However, group IDs cannot be used in the logon procedure; they are only relevant for links to libraries.
Actn.	Log on with your correct user ID.

NAT0811: A user ID must be entered.

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Text	A user ID must be entered.
Expl.	A Natural session cannot be activated if no user ID is specified for the initial logon to Natural. For subsequent logons, a user ID need not be specified. Natural internally uses the initial user ID until another user ID is specified. If Natural Security is installed, a user ID must be specified with each logon.
Actn.	Enter a valid user ID.

NAT0812: User security profile has been illegally manipulated.

Text	User security profile has been illegally manipulated.
Expl.	The Natural Security logon procedure has detected an internal inconsistency in the security profile for the specified user ID. The user security profile was modified by a direct manipulation of the data record.
Actn.	Contact your Natural Security administrator.

NAT0813: Logon to default library not permitted.

Text	Logon to default library not permitted.
Expl.	Your default library is not available to you.
Actn.	Contact your Natural Security administrator.

NAT0814: Library ID and/or user ID must be entered.

Text	Library ID and/or user ID must be entered.
Expl.	On the logon screen, you must enter a library ID, or a user ID, or both.
Actn.	Enter user ID and/or library ID.

NAT0815: Please enter a library ID.

Text	Please enter a library ID.
Expl.	There is neither a default library defined for you nor have you a private library. Therefore you must explicitly specify the library to which you wish to log on.
Actn.	Enter a library ID; or enter a "?" to get a list of the libraries that are available to you.

NAT0816: The library may not be accessed from this terminal.

Text	The library may not be accessed from this terminal.
Expl.	You have tried to access a library which may be accessed only from certain terminals, but not from the one you are using.
Actn.	Contact your Natural Security administrator.

NAT0817: Logon with a batch user ID not permitted in nonbatch mode.

Text	Logon with a batch user ID not permitted in nonbatch mode.
Expl.	You attempted to log on using a batch user ID although batch mode is not active. This is not permitted.
Actn.	Log on using a user ID with type not equal to "batch".

NAT0818: User ID is missing or this terminal is not defined.

Text	User ID is missing or this terminal is not defined.
Expl.	Either you have forgotten to enter your user ID, or you have tried to log on from a terminal which is not defined to Natural Security.
Actn.	Enter your user ID, or contact your Natural Security administrator.

NAT0819: Logon unsuccessful (batch mode execution).

Text	Logon unsuccessful (batch mode execution).
Expl.	An unsuccessful attempt to log on in a batch Natural session was detected. This error message follows the detailed error message that describes the reason for the failed logon.
Actn.	Act according to explanation of detailed message.

NAT0820: Terminal security profile was illegally manipulated.

Text	Terminal security profile was illegally manipulated.
Expl.	The Natural Security logon procedure detected an internal inconsistency in the security profile of the terminal from which you have tried to log on. The security profile was modified by a direct manipulation of the database record.
Actn.	Contact your Natural Security administrator.

NAT0821: Library available only for :1:.

Text	Library available only for ....
Expl.	You have attempted to log on to a library which may only be used from the device type indicated.
Actn.	Use the library only from the allowed device type.

NAT0822: User"s private library only available for :1:.

Text	User"s private library only available for ....
Expl.	You have attempted to log on to a private library which may only be used from the device type indicated.
Actn.	Use the private library only from the allowed device type.

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NAT0823: Logon with a batch user ID is not permitted.

Text	Logon with a batch user ID is not permitted.
Expl.	You attempted to log on using a batch user ID. This user ID cannot be used to log on directly in batch mode.
Actn.	Log on using a user ID with type not equal to "batch".

NAT0824: Library security profile was illegally manipulated.

Text	Library security profile was illegally manipulated.
Expl.	The Natural Security logon procedure has detected an internal inconsistency in the security profile of the specified library. The security profile was modified by a direct manipulation of the database record.
Actn.	Contact your Natural Security administrator.

NAT0825: Security profile has been illegally manipulated.

Text	Security profile has been illegally manipulated.
Expl.	The Natural Security logon procedure has detected an internal inconsistency in a security profile invoked. The security profile was modified by a direct manipulation of the database record.
Actn.	Contact your Natural Security administrator.

NAT0826: Invalid number. Please enter valid number.

Text	Invalid number. Please enter valid number.
Expl.	Only one of the displayed numbers may be entered during the logon procedure.
Actn.	Enter a valid number.

NAT0827: No available library found.

Text	No available library found.
Expl.	No library for this user ID is available from this terminal.
Actn.	Contact your Natural Security administrator.

NAT0828: You may not logon to "SYSSEC".

Text	You may not logon to "SYSSEC".
Expl.	You have no permission to log on the Natural Security library "SYSSEC".
Actn.	Contact your Natural Security administrator.

NAT0829: Password change not permitted.

Text	Password change not permitted.
Expl.	You cannot change your password because updating of the Natural Security system file has been prohibited.
Actn.	Contact your Natural Security administrator.

NAT0830: Help screen not confirmed.

Text	Help screen not confirmed.
Expl.	An attempt was made to enter logon processing, but the requested confirmation was not provided.
Actn.	Continue logon.

NAT0831: *** Natural LOGON PROCEDURE *****

Text	***** Natural LOGON PROCEDURE *****
Expl.	Text displayed in line 1 during Natural logon procedure.

NAT0832: ** YOU ARE LINKED DIRECTLY TO: ... ****

Text	**** YOU ARE LINKED DIRECTLY TO: ... ****
Expl.	Text displayed in line 2 during Natural logon procedure.

NAT0833: ** YOU ARE LINKED VIA A GROUP TO: ... ****

Text	**** YOU ARE LINKED VIA A GROUP TO: ... ****
Expl.	Text displayed in line 3 during Natural logon procedure.

NAT0834: * YOUR TERMINAL IS LINKED TO: ... ***

Text	*** YOUR TERMINAL IS LINKED TO: ... ***
Expl.	Text displayed in line 2 during Natural logon procedure.

NAT0835: * PUBLIC LIBRARIES ARE: ... ***

Text	*** PUBLIC LIBRARIES ARE: ... ***
Expl.	Text displayed on line 2 as a result of entering a "?" as library ID during Natural logon procedure.

NAT0836: Press ENTER for next page, or enter "." for logon screen.

Text	Press ENTER for next page, or enter "." for logon screen.
Expl.	Text displayed during logon processing for trailer line 1.

NAT0837: Or select a library by entering its number ==>

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Text	Or select a library by entering its number ==>
Expl.	Text displayed as trailer line 2 during logon processing.

NAT0838: Change your password. Enter the old and a new password.

Text	Change your password. Enter the old and a new password.
Expl.	According to your Natural Security profile, you must change your password periodically.
Actn.	Enter your old password in the "Password" field and a new password in the "New Password" field. When prompted to confirm the new password, enter the new password again in the "New Password" field.

NAT0839: The library "SYSSEC" has not been found.

Text	The library "SYSSEC" has not been found.
Expl.	The library "SYSSEC" is indispensable for a security environment.
Actn.	Contact your Natural Security administrator.

NAT0840: Private library not found.

Text	Private library not found.
Expl.	The security profile of the private library specified for you could not be found. The Natural Security logon procedure has found an internal inconsistency: a private library is specified in your user security profile but there is no security profile for the private library.
Actn.	Contact your Natural Security administrator.

NAT0841: This user has no private library.

Text	This user has no private library.
Expl.	A logon to a private library is only possible for users of type "ADMINISTRATOR" or "PERSON" and only if these users have a private library defined in their security profile.
Actn.	Enter a library ID, or a "?" to get a list of libraries that are available to you.

NAT0842: Logon to a private library is not allowed.

Text	Logon to a private library is not allowed.
Expl.	You have attempted to log on to somebody else"s private library. You cannot log on to another user"s private library, only to your own (if there is one defined for you).
Actn.	Enter a library ID, or a "?" to get a list of libraries that are available to you.

NAT0843: Invalid user ID; only user ID from TP monitor accepted.

Text	Invalid user ID; only user ID from TP monitor accepted.
Expl.	If "Automatic Logon" is active (that is, the Natural parameter AUTO=ON has been set), only the user ID used to log on to your TP monitor will be accepted for your logon to Natural.
Actn.	Enter the user ID with which you have logged on to your TP monitor.

NAT0844: This user is not defined. Restart not allowed.

Text	This user is not defined. Restart not allowed.
Expl.	The last library of a user is stored in his/her security record. A user who has not been defined to Natural Security does not have such a record. Restart is only allowed for a user who is defined to Natural Security. However, you are not defined to Natural Security.
Actn.	Contact your Natural Security administrator.

NAT0845: Command mode prohibited, no startup transaction specified.

Text	Command mode prohibited, no startup transaction specified.
Expl.	If command mode is not allowed, either a startup transaction must have been specified or a command/program must be in the Natural stack.
Actn.	Contact your Natural Security administrator.

NAT0846: Group not found.

Text	Group not found.
Expl.	You are linked via a group to the library, but the group cannot be found.
Actn.	Contact your Natural Security administrator.

NAT0847: Library ID must start with an alphabetical character.

Text	Library ID must start with an alphabetical character.
Expl.	The first character of a library ID must be an alphabetical character.
Actn.	Enter a library ID which starts with an alphabetical character.

NAT0848: Startup transaction :1: cannot be found.

Text	Start transaction ... cannot be found.
Expl.	The startup transaction specified in the security profile of the used library cannot be found, neither in the library itself nor in any steplib.
Actn.	Contact your Natural Security administrator.

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 Natural System Error Messages NAT0801-NAT0850

NAT0849: A library with that ID already exists.

Text	A library with that ID already exists.
Expl.	User/library IDs must be unique.
Actn.	Enter a user ID which is not equal to any library ID.

NAT0850: Restart program :1: cannot be found.

Text	Restart program ... cannot be found.
Expl.	The restart program specified in the security profile of the library used cannot be found, neither in the library itself nor in any steplib.
Actn.	Contact your Natural Security administrator.

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Natural System Error Messages NAT0851-NAT0900

NAT0851: Error program :1: cannot be found.

Text	Error program ... cannot be found.
Expl.	The error program specified - either in the security profile of the library used or with the parameter ETA - cannot be found, neither in the library itself nor in any steplib.
Actn.	Contact your Natural Security administrator.

NAT0852: Incomplete security profile; call security administrator.

Text	Incomplete security profile; call security administrator.
Expl.	Either you are defined to Natural Security as a user of type MEMBER. Users of this type must be contained in at least one group. You have not been added to any group, or your user type should be changed. Or your terminal is defined to Natural Security, but is not contained in any group.
Actn.	Contact your Natural Security administrator.

NAT0853: Logon accepted to library :1:. This library is empty.

Text	Logon accepted to library .... This library is empty.
Actn.	No action required.

NAT0854: Logon accepted to library :1:.

Text	Logon accepted to library ....
Actn.	No action required.

NAT0855: New password must be at least :1: characters long.

Text	New password must be at least ... characters long.
Expl.	Natural Security requires that passwords have a minimum length.
Actn.	Choose a longer password.

NAT0856: Automatic logon with invalid logon data; logon failed.

Text	Automatic logon with invalid logon data; logon failed.
Actn.	Contact your Natural Security administrator.

NAT0857: This user is currently locked.

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Text	This user is currently locked.
Actn.	Contact your Natural Security administrator.

NAT0858: Format of expiration date must be as in top right corner.

Text	Format of expiration date must be as in top right corner.
Expl.	The expiration date for a mailbox must be entered in the same format as the date displayed in the top righthand corner of the screen.
Actn.	Enter valid expiration date in valid format.

NAT0859: Expiration date may not be a date in the past.

Text	Expiration date may not be a date in the past.
Actn.	Enter a valid date.

NAT0860: Invalid code.

Text	Invalid code.
Actn.	Enter valid code.

NAT0861: User has no special link to library.

Text	User has no special link to library.
Actn.	Contact your Natural Security administrator.

NAT0862: This Natural session is not under Natural Security.

Text	This Natural session is not under Natural Security.
Expl.	In order to perform the desired function, your Natural session must be running under Natural Security.
Actn.	Invoke Natural under Natural Security (ask your Natural administrator if necessary) before you perform the desired function. If Natural Security is not installed, that function is not available.

NAT0863: Logon to this library not allowed via link ID ":1:".

Text	Logon to this library not allowed via link ID "...".
Actn.	Log on with a valid user ID; contact your Natural Security administrator if necessary.

NAT0864: No. Lib. ID Library Name*Type*Linked via*Spec.

Text	No. Lib. ID Library Name*Type*Linked via*Spec.
Expl.	Text displayed by Natural Security.

NAT0865: Invalid security file. Please contact your DBA.

Text	Invalid security file. Please contact your DBA.
Actn.	Contact your database administrator.

NAT0866: Your Natural nucleus is not a Natural Security nucleus.

Text	Your Natural nucleus is not a Natural Security nucleus.
Expl.	There is an inconsistency between your Natural nucleus and your Natural system file (FNAT). The nucleus is marked as non-Security, but the Natural system file contains Natural Security-specific programs. Possible reasons for this inconsistency are: - the nucleus has been illegally zapped. - the Natural master control record has been illegally zapped. - the Natural Security NATLOAD has not been performed successfully.
Actn.	Contact your Natural administrator. Repeat the NATLOAD for Natural, and - if your system is a Natural Security one - also repeat the NATLOAD for Natural Security.

NAT0867: Mailbox does not exist / not assigned to your environment.

Text	Mailbox does not exist / not assigned to your environment.
Actn.	Choose another mailbox ID; or contact your Natural Security administrator.

NAT0868: The expiration date of mailbox :1: is already reached.

Text	The expiration date of mailbox ... is already reached.
Actn.	If necessary, change the expiration date.

NAT0869: The file security record has been directly manipulated.

Text	The file security record has been directly manipulated.
Actn.	Contact your Natural Security administrator.

NAT0870: Upload is not permitted.

Text	Upload is not permitted.
Actn.	Contact your Natural Security administrator.

NAT0871: Download is not permitted.

Text	Download is not permitted.
Actn.	Contact your Natural Security administrator.

NAT0872: Invalid function code.

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Text	Invalid function code.
Actn.	Enter valid function code.

NAT0873: User ID or password invalid.

Text	User ID or password invalid.
Actn.	Enter correct user ID and correct password.

NAT0874: Press ENTER for next page, or "." to terminate session.

Text	Press ENTER for next page, or "." to terminate session.

NAT0875: This user is currently not active.

Text	This user is currently not active.
Actn.	Contact your Natural Security administrator.

NAT0876: New password is not valid. Please try again.

Text	New password is not valid. Please try again.
Expl.	The new password was denied for one of the following reasons: 1) The new password has too much similarity to previous passwords. 2) The new password does not conform to the rules for passwords.
Actn.	Contact your Natural Security administrator.

NAT0877: Utility access denied by Security. Please contact your DBA.

NAT0878: Assigned group :1: is currently not active.

Text	Assigned group ... is currently not active.
Expl.	In a Natural Security environment: - The Natural Security group ID shown in the error message is defined with a date which marks this group ID as currently inactive. Additional information for NSF environments: - The group ID for the user ID defined in the security system is either not defined in Natural Security, or the Natural Security group profile is inactive, or the Natural Security user profile is of another user type.
Actn.	Contact your Natural Security administrator.

NAT0879: No active group assigned.

Text	No active group assigned.
Expl.	The user is not assigned to a group with a valid activation date.
Actn.	Contact your Natural Security administrator.

NAT0880: More than 10 syntax errors occurred in BATCH compile.

Text	More than 10 syntax errors occurred in BATCH compile.
Actn.	Correct syntax errors and re-compile.

NAT0881: During compilation, the internal :1: table exceeds :2: maximum.

Text	During compilation, the internal :1: table exceeds :2: maximum.
Expl.	During compilation of a program, various tables are generated to build the object. One of these tables exceeds its maximum size. Identification list: GPT - Generated program buffer KST - Constant buffer MPT - Array structure buffer RNM - SQL generation buffer SBT - Database access buffer VAT - SQL generation buffer VDT - Variable access buffer
Actn.	According to the buffer identification, the program must be reduced in size.

NAT0882: Response code :1: received from dump formatting routine.

Text	Response code ... received from dump formatting routine.
Expl.	The response codes from the dump formatting routine are: 1 - No LFILE definition for LFILE 215 found. 2 - GETMAIN error: no free storage available or address of GETMAIN routine not found. 3nnn - NDA received Adabas response code "nnn". 4 - The file which should receive the dump has not been correctly initialized. 5 - The address of Adabas is not valid or not available. 6 - The DB which contains the file where the dump is to be written to is not an Adabas DB. 7 - All available dumps are in use. They are either locked or they may not be overwritten due to the specified retention period. 8 - Error when trying to chain/unchain a save area. 9 - The FREEMAIN call failed.
Actn.	9 - The FREEMAIN call failed. Response codes 1, 3nnn, 4, 6 and 7 may be caused by an installation error. Verify that your installation is correct. In all other cases, please contact Software AG Technical Support.

NAT0883: Source code of an INCLUDE member exceeds 32 KB.

Text	Source code of an INCLUDE member exceeds 32 KB.
Expl.	The source code of an INCLUDE member must not exceed 32 KB.
Actn.	Reduce source code of INCLUDE member or split it into different members.

NAT0884: Internal error, save area chain destroyed.

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Text	Internal error, save area chain destroyed.
Expl.	The relocatable save area in Natural is destroyed. Natural resets the chain and restarts. Natural always tests the correct chains of its save areas. The error is caused by a wrong register 13, a save area overflow, or a wrong relocated user area. One reason for a save area overflow may be too many recursive program calls.
Actn.	Natural corrects automatically and restarts. If need be, reduce the number of recursive program calls.

NAT0885: Internal error, I/O buffer overwritten.

Text	Internal error, I/O buffer overwritten.
Expl.	The buffer area that is used to generate output to the screen/printer is also used for other purposes. A condition has arisen where the contents of this I/O buffer have been destroyed, and the buffer has not been re-initialized.
Actn.	Note down the command sequence and contact your Natural administrator.

NAT0886: Storage overflow in extended buffer.

Text	Storage overflow in extended buffer.
Expl.	Certain tables during processing and compilation of Natural programs are stored in the extended buffer. The size of the extended buffer is defined by the Natural administrator with the ESIZE parameter. This error may also be caused by an attempt to write too many data to the Natural stack.
Actn.	Reduce size of source program, or contact your Natural administrator.

NAT0887: Internal stack overflow.

Text	Internal stack overflow.
Expl.	During a stack operation into the runtime buffer a table overflow occurred. This situation should never occur and is probably caused by an (incorrect) excessive store in a runtime buffer table.
Actn.	Ask your Natural administrator to increase the RUNSIZE parameter; if problem persists, contact Software AG Natural support.

NAT0888: Storage overflow during compilation or execution.

Text	Storage overflow during compilation or execution.
Expl.	This error is caused by an overflow of the USIZE or DATSIZE buffer. - At compilation time, this error is due to the USIZE not being large enough to hold all tables required to create an object module from the respective program. - At runtime, this error is due to too many nested object calls. Use the command LIST DIR to ascertain the DATSIZE requirements of the individual objects being called. See also Natural documentation for details on USIZE and DATSIZE parameters.
Actn.	Ask your Natural administrator to increase the USIZE or DATSIZE buffer; or reduce the size of the program being compiled, or reduce the number of nested object calls at execution.

NAT0889: Generated program table overflow.

Text	Generated program table overflow.
Expl.	The table that contains the generated program has overflowed during compilation of the program.
Actn.	Reduce the size of the program. Use fewer database calls. If problem persists, contact the Natural Administrator.

NAT0890: Invalid source parameter construction.

Text	Invalid source parameter construction.
Expl.	A possible cause for the error is the construction of a parameter source notation within another source parameter. Natural supports only one level of parameter source processing.
Actn.	Check program and correct error.

NAT0891: Natural symbol table exceeds maximum size of 512K.

Text	Natural symbol table exceeds maximum size of 512K.
Expl.	During compilation, symbols in a program are covered in a buffer, called symbol table (SYT). The maximum size of the SYT (512K) overflows.
Actn.	Reduce the number of variables in the program and recompile.

NAT0892: Maximum size of symbol table (60 KB) has been reached.

Text	Maximum size of symbol table (60 KB) has been reached.
Expl.	The program uses more/longer symbols (variable names, subroutine names, etc.) than fit into the symbol table. The maximum possible size of the symbol table has been reached.
Actn.	Decrease the number of symbols used (for example, by using several smaller programs instead of one very large program).

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NAT0893: Not enough memory for machine code compilation.

Text	Not enough memory for machine code compilation.
Expl.	The machine code compiler cannot proceed because of shortage of resources. The following area is used: - FSIZE Note that although the object was not stowed in optimized form it was stowed normally.
Actn.	Increase FSIZE and recatalog program.

NAT0898: GFID validation error (:1:).

Text	GFID validation error (reason / LDA name / view name / field name).
Expl.	During the generation of a global format ID (GFID) for a database-access statement, a validation error was encountered, because a view-field definition was changed in the DDM, but the LDA containing the view was not recataloged. Reason codes: 4 : DB short name was changed 8 : field format was changed 12 : field length was changed 16 : total view length is different
Actn.	Recatalog the specified LDA, or set GFID=OFF with a COMPOPT command or OPTIONS statement so that GFIDs are not used.

NAT0899: Internal error in structure of DDM :1:.

Text	Internal error in structure of DDM ....
Expl.	The DDM was not correctly generated and contains an internal inconsistency.
Actn.	Re-generate the DDM.

NAT0900: Storage overflow while assigning data area.

Text	Storage overflow while assigning data area.
Expl.	The storage area that contains the data area for the program overflowed during address assignment for data fields. or: There are more than 50 external subroutines referenced in the program. or: There was an overflow while composing an executable object.
Actn.	Reduce the data areas in the program, or use fewer database fields, or increase the DATSIZE profile parameter and restart the session.

Natural System Error Messages NAT0901-NAT0950

NAT0901: Length of record to be sorted exceeds 10240 bytes.

Text	Length of record to be sorted exceeds 10240 bytes.
Expl.	The total length of the record to be sorted must not exceed 10240 bytes. Note: The fields written to sort storage are not only those fields specified in the SORT statement, but all database fields and user-defined variables defined before the SORT statement.
Actn.	Ensure that the sort record does not exceed 10240 bytes.

NAT0902: Generation of format buffer fails. Reason code :1:

Text	Generation of format buffer fails. Reason code :1:
Expl.	During generation of format buffers the following error situation occurred. Reason code description: 4 - The generation buffer overflowed and the the buffer could not be enlarged because there was not enough memory available. Ac.==> Start Natural in a larger thread/partition/region. 8 - The length of the generated format buffer exceeds maximum of 32K. Ac.==> Reduce the number of fields in the format buffer. 12 - At runtime, a format buffer could not be expanded because there was not enough memory available. Ac.==> Start Natural in a larger thread/partition/region.
Actn.	See reason code descriptions.

NAT0903: Storage overflow at execution time.

Text	Storage overflow at execution time.
Expl.	Storage overflow while creating a loop-table entry.
Actn.	Divide program into segments using "structured programming" techniques.

NAT0904: Too many <MOVE " " TO variable> in program.

Text	Too many <MOVE " " TO variable> in program.
Expl.	The program contains too many <MOVE " " TO variable> statements.
Actn.	Replace the statements with <RESET variable>.

NAT0905: Machine code was not generated.

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Text	Machine code was not generated.
Expl.	An error has occurred during generation of machine code. The stowed/cataloged Natural object is executable, but not optimized.
Actn.	Contact Software AG support.

NAT0906: Natural nucleus does not support Version 1.2 runtime.

Text	Natural nucleus does not support Version 1.2 runtime.
Expl.	The Natural nucleus was linked without the Version 1.2 runtime system. Only Natural objects cataloged/stowed with Natural Version 2 or above can be executed.
Actn.	Relink Natural nucleus with Version 1.2 runtime system and activate the new copy in your environment.

NAT0907: Generation of record buffer failed. Reason code :1:.

Text	Generation of record buffer failed. Reason code :1:.
Expl.	During the generation of a database statement, the following error situation occurred. Reason code description: 4 - For Adabas/VSAM access statements the record buffer size exceeds the maximum of 64K. Ac.==> Reduce the number of record buffer fields. 8 - For DB2/SQL access statements the record buffer size exceeds the maximum of 32K. Ac.==> Reduce the number of record buffer fields.
Actn.	See reason code descriptions.

NAT0909: Data buffer :1: can"t be expanded while NATXCAL is active.

Text	Data buffer ... can"t be expanded while NATXCAL is active.
Expl.	When a subprogram is invoked via the 3GL interface (NATXCAL, NCIXCALL, NCIXCPRM), a data buffer cannot be expanded if one of the data fields residing in this buffer was supplied as a parameter with the CALL statement that has invoked the 3GL program. One of the following data buffers may be affected: AIVDAT - buffer for AIV variables, GLBUSER - buffer for user global variables, GLBSYS - buffer for system global variables, DATSIZE - buffer for local variables.
Actn.	If the buffer indicated is "DATSIZE", start Natural with an increased value for the DATSIZE profile parameter.

NAT0910: Insufficient core for CALL, SORT, WORK FILE statements.

Text	Insufficient core for CALL, SORT, WORK FILE statements.
Expl.	The processing of CALL, SORT and WORK FILE statements requires buffers in the partition. The partition does not have enough memory allocated for the storage requirements of the program.
Actn.	Re-submit in larger partition or contact your Natural administrator.

NAT0916: Return code :1: from :2: user exit :3:.

Text	The user exit specified in the message returned a non-zero return code that caused Natural to discontinue program execution.
Expl.	The user exit detected a condition that prevented the completion of the operation. The condition has been indicated to Natural by means of a return code. The return code is specific to the user exit. Natural program execution has been terminated.
Actn.	Contact your Natural administrator or the author of the specified user exit.

NAT0917: Error :1: in :2: :3:.

NAT0918: ESCAPE (TOP) not allowed in ON ERROR or AT block.

Text	ESCAPE (TOP) not allowed in ON ERROR or AT block.
Expl.	This error may be caused by one of the following: 1. An ESCAPE statement was used to exit from a currently active ON ERROR block. However, an ON ERROR block must be exited with a FETCH, STOP, TERMINATE or RETRY statement. 2. An ESCAPE TOP statement was used within one of the following conditions: - AT BREAK - AT START/END OF DATA
Actn.	Correct error in program.

NAT0919: Too many parameters in CALL statement.

Text	Too many parameters in CALL statement.
Actn.	Reduce number of parameters in CALL statement.

NAT0920: Program :1: cannot be loaded :2:.

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Text	Program ... cannot be loaded ...
Expl.	The specified external program could be neither loaded dynamically nor located statically. See the supplied operating-system/TP-monitor return code of the failing LOAD request for details. Possible reasons: - The program to be loaded dynamically is not contained in the load libraries currently defined to Natural. - Under CICS: The program is not defined to CICS. - There was not enough storage available to load the program dynamically (under Com-plete: the Com-plete thread was too small). - The limit for the number of programs to be dynamically loaded was exceeded. - For static programs: The program is not defined in NATPARM with the CSTATIC parameter or not linked to the NATPARM module.
Actn.	Make sure that the program is contained in a library available to or linked to Natural. Contact your Natural administrator concerning the setting of the Natural profile parameters CDYNAM and CSTATIC.

NAT0921: Maximum call level reached.

Text	Maximum call level reached.
Expl.	Natural Version 2 supports calls to Natural objects up to a level of 99, except for CALLNAT/FETCH RETURN/PERFORM, where the limit is 512. Error 921 usually occurs when an object (subroutine, or callnat, ...) calls itself recursively. Please note also that *LEVEL can represent only numbers up to 99.
Actn.	Check program and correct error.

NAT0922: Buffer pool not active.

Text	Buffer pool not active.
Expl.	Natural Version 2 requires an active buffer pool manager.
Actn.	Contact your Natural administrator.

NAT0923: Invalid program call (:1: :2: :3:/:4:/:5:/:6:).

Text	Invalid program call.
Expl.	A Natural call statement (e.g., CALLNAT, FETCH RETURN) was issued, but the object being called was a map, global data area, or another object.
Actn.	Only issue calls to actual Natural programs or subroutines.

NAT0924: Command invalid in this context (:1: :2: :3:).

Text	Command invalid in this context (:1: :2: :3:).
Expl.	The command :1: is invalid for object :3: of type :2:.
Actn.	Consult the documentation and try again.

NAT0925: GDA does not correspond to using program.

Text	GDA does not correspond to using program.
Expl.	Each time a program uses a GDA (global data area), Natural checks whether the compilation time of the program is later than the compilation time of the GDA. If it is not, Natural assumes that the GDA may not correspond to the layout generated into the program and produces this error.
Actn.	Recompile program and restart system.

NAT0926: Only objects of type "program" can be "RUN".

Text	Only objects of type "program" can be "RUN".
Expl.	A RUN command was issued for a Natural object which is not a source program; or the RUN command was issued without a program name, and the editor work area was not empty and set to a type other than "PROGRAM". To test the execution of a subprogram or subroutine, you have to catalog/stow this object and write a program that invokes this object (with a CALLNAT or PERFORM statement respectively). A map can be tested in the map editor, as can helproutines and helpmaps. GDA, LDA and PDA define data areas and their initialisation values and only become executable when put in the DEFINE DATA statement of a Natural object.
Actn.	Check that the work area contains a program, and that the editor type is set to "PROGRAM", or that the specified object is a program, or follow the above hints to test objects of other types.

NAT0927: FETCH RETURN statement rejected by Natural Security.

Text	FETCH RETURN statement rejected by Natural Security.
Expl.	A program called via a FETCH RETURN statement is security protected and, therefore, cannot be called from another Natural program.
Actn.	Contact your Natural or Natural Security administrator.

NAT0928: Program can only be executed from a SYS* library.

Text	Program can only be executed from a SYS* library.
Expl.	This program is security protected and can only be executed from a SYS* library. (SYSTEM is not treated as a SYS* library.)
Actn.	Log on to the correct library.

NAT0929: Program cannot be executed in batch mode.

Text	Program cannot be executed in batch mode.
Expl.	An attempt was made to execute in batch mode a program that contains online functions/features.
Actn.	Execute the program in interactive mode.

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NAT0930: Program cannot be executed online.

Text	Program cannot be executed online.
Expl.	An attempt was made to execute in interactive mode a program that contains functions/features only available in a batch mode environment.
Actn.	Execute the program in batch mode.

NAT0931: CMSYNIN job control definition is missing.

Text	CMSYNIN job control definition is missing.
Expl.	In batch mode execution, the DD statement for the definition of the main command and source input for Natural is missing. No commands can be read.
Actn.	Specify definition for the CMSYNIN file in the job control.

NAT0932: Program version error.

Text	Program version error.
Expl.	The executing program has been recataloged by another user between screen I/Os (that is, it is possible that the program has been stowed by a second user while a first user is still using it).
Actn.	Contact your Natural administrator.

NAT0933: GDA time-stamp conflict.

Text	GDA time-stamp conflict.
Expl.	This error occurs if a program references a global data area (GDA) which was recataloged or a GDA that has been moved from another environment after the program has been cataloged. Also the program that references the GDA could have been moved from a different environment into the current one causing a GDA time-stamp conflict. If a GDA is cataloged again, all objects which reference the GDA must also be cataloged again.
Actn.	Check the program structure and recatalog if necessary, or use the RECAT=ON parameter. (RECAT=ON is not possible for programs cataloged with the Natural Optimizer Compiler.

NAT0934: GDA :1: conflicts with active GDA :2:.

Text	Global data area conflicts with global variables.
Expl.	A Natural Version 2 program attempted to allocate a global data area within an application where Natural Version 1.2 programs have used global variables which are not defined via a COMMON global data area.
Actn.	Use the CREATE GLOBALS command to define a COMMON global data area with the global variables of the Natural Version 1.2 programs.

NAT0935: Conflicting number of parameters(:1: :2:/:3:/:4:/:5:).

Text	Conflicting number of parameters.
Expl.	- The number of parameters specified in a CALLNAT/SEND METHOD statement does not match the number of parameters defined in the DEFINE DATA PARAMETER statement of the called module. - The number of parameters specified in an INPUT USING MAP statement does not match the number of parameters generated by the Natural map editor. Use "free mode" or include the INPUT USING MAP prototype instruction in your program.
Actn.	Check program and correct error.

NAT0936: Format/length conflict in parameter :1: (:2: :3:/:4:/:5:/:6:).

Text	Format/length conflict in parameter ....
Expl.	The parameters specified in a CALLNAT or INPUT USING MAP statement are defined with a format or length different from that of the parameters defined in the called module/map.
Actn.	Check program/map and correct error.

NAT0937: Conflicting array def.in param.:1: (:2: :3:/:4:/:5:/:6:).

Text	Conflicting array definition in parameter ....
Expl.	An array or an array range was used as a parameter in a CALLNAT or INPUT USING MAP statement which conflicts with the array definition within the called module/map. The following conditions must be met: - The ranks must be equal. - Occurrences of each dimension must be equal. This error is also generated if a 3GL routine calls a subprogram, and the subprogram"s PDA specifies a variable range (1:V). A variable range is allowed only for calls via INTERFACE4.
Actn.	Check program and correct error.

NAT0938: Prot. param. :1: used as target operand (:2: :3:/:4:/:5:/:6:/).

Text	Protected parameter ... used as target operand.
Expl.	A parameter specified in a CALLNAT or INPUT USING MAP statement is defined as protected (AD=O). The called module or the called map uses the corresponding parameter as a target operand, but this parameter is protected and no value may be entered for that field.
Actn.	Correct error in program.

NAT0939: Natural editor is not linked and cannot be loaded.

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Text	Natural editor is not linked and cannot be loaded.
Expl.	The Natural editor modules are not linked and cannot be loaded.
Actn.	Contact your database administrator.

NAT0940: This terminal command is not supported.

Text	This terminal command is not supported.
Expl.	Terminal commands for screen paging cannot be used under every TP monitor.
Actn.	Enter a valid command.

NAT0941: Invalid size for screen-paging system file.

Text	Invalid size for screen-paging system file.
Expl.	A screen-paging command was entered, but the size of the system file used for screen paging was "0", which means that no screens can be stored.
Actn.	Restart Natural session with valid size for screen-paging system file.

NAT0942: Invalid use of hardcopy facility.

Text	Invalid use of hardcopy facility.
Expl.	The Natural hardcopy facility is only available under the TP monitor Com-plete.
Actn.	Enter a valid Natural command.

NAT0943: Screen paging open function failed.

Text	Screen paging open function failed.
Actn.	Check the status of the screen-paging system file.

NAT0944: Screen paging record overflow.

Text	Screen paging record overflow.
Expl.	An attempt was made to write to the screen-paging system file a record which was larger than the screen page size.
Actn.	Increase the size of the physical terminal buffer.

NAT0946: Screen paging write failed.

Text	Screen paging write failed.
Expl.	An error occurred during an attempt to write a screen to the screen-paging system file.
Actn.	Check the status of the screen-paging system file.

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 Natural System Error Messages NAT0901-NAT0950

NAT0947: Screen paging read failed.

Text	Screen paging read failed.
Expl.	An error occurred during an attempt to read a screen from the screen-paging system file.
Actn.	Check the status of the screen-paging system file.

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Natural System Error Messages NAT0951-NAT1000

NAT0951: Normal end of execution.

Text	Normal end of execution.
Expl.	This message indicates the successful execution or completion of a Natural batch job.
Actn.	No action required.

NAT0952: Database loop processing limit exceeded.

Text	Database loop processing limit exceeded.
Expl.	The processing limit of a HISTOGRAM/FIND/READ database loop is specified via a numeric constant or a numeric user-defined variable. When this limit is exceeded, this does not necessarily indicate an error condition; however, the records which met the search criteria in a database loop but which are beyond the limit have not been processed. Note: The general limit for processing loops may also be set by the Natural session parameter LT.
Actn.	Increase the limit value or ignore this error message.

NAT0953: Time limit exceeded.

Text	Time limit exceeded.
Expl.	In TP mode, this message means that the time-out parameter specified for the TP monitor at system generation time is not sufficient to handle current program requirements. In batch mode, after determining that the program is not in an endless loop, the MT parameter (via a SET GLOBALS statement or GLOBALS command) can be used to increase the CPU-time factor.
Actn.	Check program and correct it if necessary. If program is correct, contact your Natural administrator.

NAT0954: Abnormal termination during program execution.

Text	Abnormal termination during program execution.
Expl.	An abnormal termination has occurred during the execution of a Natural object program. A common cause of this error is the use of an arithmetic operand which does not contain valid numeric data at execution time.
Actn.	Check program and correct error.

NAT0955: Abnormal termination during program compilation.

Text	Abnormal termination during program compilation.
Expl.	An internal abnormal termination has occurred during the Natural syntax/compilation phase.
Actn.	Contact your Natural administrator.

NAT0956: Abnormal termination during command analysis.

Text	Abnormal termination during command analysis.
Expl.	An abnormal termination of the Natural system has occurred during the evaluation of a command.
Actn.	Contact your Natural administrator.

NAT0957: Limit reached with "LE=ON".

Text	Limit reached with "LE=ON".
Expl.	Natural handles this condition as an execution time error and takes the appropriate action (a BACKOUT TRANSACTION statement will be issued if necessary). In batch mode, Natural will continue processing only if the session parameter CC is set to "OFF".
Actn.	Increase the limit specification, or set "LE=OFF".

NAT0958: Invalid usage of ODA (Object Data Area) in method :1:.

Text	Invalid usage of ODA (Object Data Area) in method :1:.
Expl.	Object Data Areas are defined in methods to use class specific data. The Object Data Area must be created with the Natural statement CREATE OBJECT. The ODA defined in method :1: does either not exist or was created with a different number of variables.
Actn.	Activate method using the SEND METHOD statement, ensure that the OBJECT DATA AREA was correctly created with the CREATE OBJECT statement.

NAT0959: Inconsistent structure of ODA in class :1: and method :2: (:3:)

Text	Inconsistent structure of ODA in class :1: and method :2: (:3:)
Expl.	Object Data Areas (ODA) are defined in methods to use class specific data. Therefore, the structure of the ODA created by the class :1: must match the structure of the ODA defined in method :2:. An inconsistency was detected for variable :3:.
Actn.	Ensure that the ODAs in class and method have the same format and length.

NAT0960: SAVE/CATALOG/PURGE/UNCATALOG terminated unsuccessfully.

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Text	SAVE/CATALOG/PURGE/UNCATALOG operation terminated unsuccessfully.
Expl.	The operation was attempted repeatedly and a response code of "9" for transaction backout was received from Adabas.
Actn.	Ask your Natural administrator to review the maximum transaction duration time setting for Adabas.

NAT0961: Concurrent SAVE/CAT/PURGE/UNCAT; or hold queue full.

Text	Concurrent SAVE/CAT/PURGE/UNCAT; or hold queue full.
Expl.	The same source program/object module is currently being processed for update by another user. This error condition can also be produced when Adabas response code "145" is received while attempting to delete the "old" copy of the Natural source or object program. A common reason for this error is an overflow of the Adabas hold queue.
Actn.	Retry operation later. If problem persists, notify your Natural administrator.

NAT0962: Invalid access to Natural system library.

Text	Invalid access to Natural system library.
Expl.	An attempt was made to access/replace a program in the Natural system library "SYSLIB". The use of "SYSLIB" is restricted to Natural system routines; a user must not use library ID "SYSLIB".
Actn.	Do not attempt to access the system library "SYSLIB".

NAT0963: Security violation during program execution (:1:).

Text	Security violation during program execution.
Expl.	The current user has attempted to execute a Natural program which has a restricted status.
Actn.	Contact your Natural administrator.

NAT0964: Subroutine :1: already exists as member :2:.

Text	Subroutine :1: already exists as member :2:.
Expl.	Subroutine names within a library must be unique.
Actn.	Choose another name for the subroutine.

NAT0965: ConvError returning RESULT parameter :1: (:2: :3:/:4:/:5:/:6:)

Text	Conversion error returning RESULT parameter :1: (:2: :3:/:4:/:5:/:6:)
Expl.	While returning the value of parameter :1:, which was defined with the attributes BY VALUE RESULT in object :3: (of type :2:, loaded from library :4: from database :5: file number :6:), a conversion error has occurred. Check if the current value matches the "Rules for arithmetic assignment" described in the Natural documentation.
Actn.	Correct error in program.

NAT0966: ConvError assign BY VALUE parameter :1: (:2: :3:/:4:/:5:/:6:)

Text	Convs. error assigning BY VALUE parameter :1: (:2: :3:/:4:/:5:/:6:)
Expl.	During assignment of the value of parameter :1:, which is defined with the attributes BY VALUE (RESULT) in object :3: (of type :2:, loaded from library :4: from database :5: file number :6:), a conversion error has occurred. Check if the current value matches the "Rules for arithmetic assignment" described in the Natural Reference documentation.
Actn.	Correct error in program.

NAT0967: Function :1: not permitted in current context.

Text	Function :1: not permitted in current context.
Expl.	The function :1: is not permitted in a certain context, e.g. while the 3GL callnat interface or a SEND METHOD is active.
Actn.	Correct error in program.

NAT0970: Source line limit for program creation is zero.

Text	Source line limit for program creation is zero.
Expl.	When the security authorization for this user in this application was defined, the user was allowed to create source programs but the limit for the number of source lines to be created was erroneously set to "0".
Actn.	Contact your Natural Security administrator.

NAT0971: Source line limit reached.

Text	Source line limit reached.
Expl.	In the security authorization for this user in this application, a limit of source lines to be created in new programs has been defined. The user cannot exceed this limit when creating new programs.
Actn.	Either reduce program size or ask your Natural Security administrator to increase the limit of source lines.

NAT0972: User is not authorized to use this command.

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Text	User is not authorized to use this command.
Expl.	In the security authorization for this user in this application, only specific commands have been made available. The user is not allowed to use the command specified.
Actn.	Do not use this command in this environment, or contact your Natural Security administrator for authorization.

NAT0973: User is not authorized to use this statement.

Text	User is not authorized to use this statement.
Expl.	In the security authorization for this user in this application, only certain statements have been made available. The user is not allowed to use the specified statement.
Actn.	Do not use this statement, or ask your Natural Security administrator for authorization.

NAT0974: User is not authorized to use this file.

Text	User is not authorized to use this file.
Expl.	In the security authorization for this user in this application, only certain files have been made available. The user is not allowed to use the specified file.
Actn.	Either do not use this file or contact your Natural Security administrator for authorization.

NAT0975: User is not authorized to update this file.

Text	User is not authorized to update this file.
Expl.	In the security authorization for this user in this application, only certain files have been made available for updating. The user is not allowed to update the specified file.
Actn.	Do not update this file, or contact your Natural Security administrator for authorization.

NAT0976: Inconsistent security definition for command selection.

Text	Inconsistent security definition for command selection.
Expl.	An inconsistent definition may occur if the Natural administrator has selected commands on the selection screen in the Natural Security system that are not defined to the system.
Actn.	Contact your Natural administrator.

NAT0977: Inconsistent security definition for statement selection.

Text	Inconsistent security definition for statement selection.
Expl.	An inconsistent security definition may occur if the Natural administrator selects statements that are not defined to the system.
Actn.	Contact the Natural administrator.

NAT0978: Invalid use of default format definition (N7).

Text	Invalid use of default format definition (N7).
Expl.	Natural Security allows specification of the user characteristics; one option of these is whether the user is allowed to use the default format definition (N7). For this user in this application, the option is not allowed.
Actn.	You must explicitly specify the format/length of variables.

NAT0979: Specification of the library not allowed.

Text	Specification of the library not allowed.
Expl.	In a security-protected environment, a user may not access a library by merely specifying the library ID in a command. The user must properly log on to the library and may then access it. This protection is also valid in a non-security environment for a libraray ID that starts with "SYS".
Actn.	Log on to the desired library and then re-issue the command.

NAT0980: Invalid use of database file number.

Text	Invalid use of database file number.
Expl.	The use of a file number in a database access statement is not allowed.
Actn.	Use the view name instead of a file number.

NAT0981: Incorr. usage of 2-character database field names.

Text	Incorr. usage of 2-character database field names.
Expl.	Natural Security does not allow the use of 2-character database field names to prevent unauthorized access to fields. Furtheron, this error appears if the compiler parameter DBSHORT is set to OFF and a field name of 2-byte length could only be identified as a DDM short name.
Actn.	Do not use 2-character database field names.

NAT0982: Internal error; invalid system command requested.

Text	Internal error; invalid system command requested.
Expl.	A system command was requested that requires a Natural program which is not defined.
Actn.	Contact your Natural administrator.

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NAT0983: Update commands not authorized by Natural Security.

Text	Update commands not authorized by Natural Security.
Expl.	You are not allowed to issue update commands.
Actn.	Contact your Natural administrator concerning Natural Security definition/authorization.

NAT0984: This file is not defined in Natural Security.

Text	This file is not defined in Natural Security.
Actn.	Check program and correct error, or contact your Natural Security administrator.

NAT0996: Internal error in machine code compiler.

Text	Internal error in machine code compiler.
Expl.	An internal error within the machine code compiler has occurred.
Actn.	Contact your Natural administrator.

NAT0997: Invalid format buffer for STORE/UPDATE statement.

Text	Invalid format buffer for STORE/UPDATE statement.
Expl.	Natural has detected a format buffer for a STORE/UPDATE statement with a length of zero. This is invalid.
Actn.	Check program and correct error.

NAT0998: Internal error :1:.

Text	Internal error ....
Actn.	Contact your Natural administrator.

NAT0999: Internal error.

Text	Internal error.
Actn.	Contact your Natural administrator.

NAT1000: FIND set name not found in RETAIN table.

Text	FIND set name not found in RETAIN table.
Expl.	A reference was made to a set name which had not been placed in the FIND set table by a FIND ... RETAIN statement.
Actn.	Enter correct set name.

Natural System Error Messages NAT1001-NAT1050

NAT1001: DBID or file number of set do not agree with current file

Text	DBID or file number of set do not agree with current file.
Expl.	If a FIND set is to be used in another FIND statement as a logical criterion, the set must have been selected from the same set that is currently being processed in the FIND statement. However, in the case of this error, the database ID and/or file number of the previously retained set is different from that of file that is currently being processed.
Actn.	Check program and correct error.

NAT1002: Adabas Version 3 not allowed for V4 compiled programs.

Text	Adabas Version 3 not allowed for V4 compiled programs.
Expl.	The program was compiled with Adabas Version 4, but the current runtime version is Version 3. Natural programs compiled to run with Adabas Version 4 are NOT downward-compatible with Adabas Version 3.
Actn.	Contact your Natural administrator.

NAT1003: Global limit for database calls reached.

Text	Global limit for database calls reached.
Expl.	A limit for the repetition of processing loops may be specified for the execution of a Natural program either in the form of a global limit which applies across all database read operations, or as a limit which applies to a specific program, or to one individual database read loop. A global limit is set with the GLOBALS command. A program-wide limit is specified with the LIMIT statement. For an individual database read loop, the limit is specified as a number in parentheses (n) immediately after the statement name, FIND, READ or HISTOGRAM. "n" may represent either a numeric constant or the name of a variable. Individual limits may not be broader than a program-wide limit, which in turn may not be broader than a global limit.
Actn.	Check program and correct error.

NAT1004: In FIND UNIQUE, 0 records or more than 1 record found.

Text	In FIND UNIQUE, either 0 records or more than 1 record found.
Expl.	The FIND UNIQUE statement requires that exactly one record be found in the database.
Actn.	Check program and correct error.

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NAT1005: More records found than specified in search limit.

Text	More records found than specified in search limit.
Expl.	The "WITH LIMIT = nnn" clause may be used to specify that a WHERE condition is only to be evaluated if fewer than "nnn" records have been selected after the evaluation of the basic search criteria.
Actn.	Increase the WITH limit, or redefine the basic search criteria.

NAT1006: Value specified for index is "0" or greater than maximum.

Text	Value specified for index is "0" or greater than maximum.
Expl.	The value specified for an index of a multiple-value field or a perodic group is either greater than the maximum or less than 1. For Adabas, VSAM and DL/I the maximum value for multiple-value fields is 191 and for periodic groups 191. For DDMs the maximum value for both multiple-value fields and periodic groups is 9999.
Actn.	Check program and correct error.

NAT1007: Value for conversion to binary is too large.

Text	Value for conversion to binary is too large.
Expl.	Only values that can be represented in a 4-byte binary number can be converted to binary. The specified numeric value does not fit into a 4-byte binary number.
Actn.	Check program and correct error.

NAT1008: Variable index defined in a RETAIN-List-Record-Buffer.

Text	Variable index defined in a RETAIN-List-Record-Buffer.
Expl.	A variable index is not allowed for a RETAIN-list record buffer, because the format buffer will not be released with EC command.
Actn.	Check program and correct error.

NAT1009: Program interrupted after :1: database calls.

Text	Program interrupted after :1: database calls.
Expl.	Natural counts all database calls and compares the result with the setting of the parameter MADIO. When this value is reached, a loop is assumed and the program terminated. The database-call count is reset to 0 after a screen I/O operation.
Actn.	Correct error in program.

NAT1010: STORE/UPDATE/DELETE rejected due to UPDATE OFF command.

Text	STORE/UPDATE/DELETE rejected due to UPDATE OFF command.
Expl.	The program is being executed while "UPDATE OFF" is in effect. Whenever the program issues an STORE/UPDATE/DELETE statement for the database, this warning message is used to indicate that a database-updating statement was encountered but not executed.
Actn.	Contact your Natural administrator.

NAT1011: Requested function key not allocated.

Text	Requested function key not allocated.
Expl.	A user can only request a function by pressing a function key if the key has been defined in the program with a SET KEY statement. If this error message appears in response to NEXT, the KEY command may be used to assign a value to the function key.
Actn.	Define the function key as described above.

NAT1012: Update not allowed for system file.

Text	Update not allowed for system file.
Expl.	The user is not authorized to issue SAVE or CATALOG commands.
Actn.	Contact your Natural administrator.

NAT1013: Illegal terminal command requested.

Text	Illegal terminal command requested.
Expl.	For information on valid terminal commands, see Natural Reference documentation.
Actn.	Enter a correct terminal command, or press ENTER.

NAT1014: NATIMS: No hardcopy terminal assigned.

Text	NATIMS: No hardcopy terminal assigned.
Expl.	Under NATIMS, the terminal identification for the alternate PCB must be specified by the Natural administrator using the user-exit routine NATIMSHC or similar techniques. NATIMS found this field uninitialized at the time of a hardcopy request.
Actn.	Contact your Natural administrator.

NAT1015: NATIMS: Lost status - unable to recover session.

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Text	NATIMS: Lost status - unable to recover session.
Expl.	- After a restart of the IMS message region, NATIMS found that the information stored in the roll slot cannot be used in conjunction with the storage layout of the current region. Therefore the previous Natural session cannot be continued. However, a new session can be started at this time. - This message can also result from a user transaction being scheduled to multiple IMS message regions if these regions do not have identical storage layout (NATIMS and NATCMP must be identical and preloaded to the same address, the roll buffer must be at the same address and of the same length).
Actn.	Start a new Natural session; if problem re-occurs, contact your Natural administrator.

NAT1016: Program interrupted due to attention interrupt.

Text	Program interrupted due to an attention interrupt.
Expl.	The terminal user interrupted the Natural program via an attention interrupt: RESETting the terminal and pressing the ENTER key.
Actn.	No action required.

NAT1017: Adabas update to more than 1 database.

Text	Adabas update to more than 1 database.
Expl.	Natural cannot ensure that transactions can be synchronized across system failures. Therefore, a transaction which contains updates to more than one database is not permitted.
Actn.	Check program and correct error.

NAT1018: Attempt to access more than 24 databases in one session.

Text	Attempt to access more than 24 databases in one session.
Expl.	Per Natural session, no more than 24 databases can be accessed.
Actn.	Reduce the number of databases to be accessed by the Natural session.

NAT1019: Magnetic card reader must be activated with SET KEY.

Text	Magnetic card reader must be activated with SET KEY.
Expl.	Before reading data via a magnetic card reader, the magnetic card reader must have been made program-sensitive via a SET KEY statement (SET KEY MGID, SET KEY CDID, or SET KEY ALL).
Actn.	Correct error in program.

NAT1020: NATIMS: At XXXXXX status code from IMS/DLI:YY.

Text	NATIMS: At XXXXXX status code from IMS/DLI:YY.
Expl.	NATIMS requested an IMS or DLI function (by calling ASMTDLI) and received the error code "YY" as specified in the message. The "XXXXXX" part of the message can be used to locate the request in error.
Actn.	Contact your Natural administrator.

NAT1021: NATIMS: Minimum SPA size is XXXXX.

Text	NATIMS: Minimum SPA size is XXXXX.
Expl.	NATIMS cannot run with the SPA size generated for it in the IMS environment. The LSPA value in the NATIMS assembly is the minimum value that can be specified.
Actn.	Contact your Natural administrator.

NAT1022: NATIMS: No roll slot available.

Text	NATIMS: No roll slot available.
Expl.	All roll slots in the roll dataset are in use. A larger roll dataset must be allocated, or the directory of the current roll dataset must be reset to eliminate inactive users. While this status prevails, all users who still own a roll slot can continue or re-enter the system, new users cannot.
Actn.	Contact your Natural administrator.

NAT1023: NATIMS: Roll slot size exceeded.

Text	NATIMS: Roll slot size exceeded.
Expl.	An attempt was made to roll out an area that is larger than the currently allocated roll slot size allocated in the roll dataset directory. This is a program logic error in NATIMS.
Actn.	Contact your Natural administrator; if the error is not due to local modification, contact Software AG support.

NAT1024: NATIMS: Roll slot format invalid.

Text	NATIMS: Roll slot format invalid.
Expl.	Either an unformatted roll dataset was used or a - partial - overwrite occurred from external software.
Actn.	Contact your Natural administrator to have the roll dataset reformatted and external interference eliminated (if applicable).

NAT1025: NATIMS: Roll file open failed.

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Text	NATIMS: Roll file open failed.
Expl.	The roll-file handler could not open the roll dataset. This error has been detected by the operating system"s OPEN executor. The most common cause of this error is a missing DD statement.
Actn.	Contact your Natural administrator to verify that a valid DD statement referring to a properly preformatted roll dataset has been included in the message region JCL.

NAT1028: Not permitted to invoke recursive database loop.

Text	Not permitted to invoke recursive database loop.
Expl.	An already active database loop may not be started a second time. Example: PERFORM SUB001 DEFINE SUBROUTINE SUB001 FIND view-name WITH field = "any-value" DISPLAY *ISN *COUNTER *NUMBER PERFORM SUB001 <-- recursive call END-FIND END-SUBROUTINE
Actn.	Correct error in program.

NAT1029: Interrupt after too many Natural program calls.

Text	Interrupt after too many Natural program calls.
Expl.	Every FETCH, CALLNAT, PERFORM statement is counted. This count is compared against the value supplied in the Natural parameter module or set via the dynamic parameter facility for MAXCL. If this value is less than or equal to the counted value, Natural destroys the name of the error transaction and issues this error.
Actn.	Check program and correct error, or set MAXCL to "0" or to a large enough value.

NAT1030: Internal error; invalid access to Natural system file.

Text	Internal error; invalid access to Natural system file.
Actn.	Contact your Natural administrator, and, if necessary, Software AG support.

NAT1031: Invalid access to a VSAM dataset.

Text	Invalid access to a VSAM dataset.
Expl.	Access to a VSAM dataset was requested, but the Natural system does not include support for VSAM.
Actn.	Contact your Natural administrator.

 Natural System Error Messages NAT1001-NAT1050

NAT1032: Invalid access to a DL/I database.

Text	Invalid access to a DL/I database.
Expl.	Access to a DL/I database was requested, but the Natural system does not include support for DL/I.
Actn.	Contact your Natural administrator.

NAT1049: Invalid contents of direction operand.

Text	Invalid contents of direction operand.
Expl.	The variable direction operand (#op), used in a READ ... IN VARIABLE #op SEQUENCE ... or HISTOGRAM ... IN VARIABLE #op SEQUENCE ... statement, contains an invalid character. Only the following values are permitted: "D" or "d" for DESCENDING "A" or "a" for ASCENDING.
Actn.	Fill direction operand with a valid character.

NAT1050: Global buffer pool started at :1:.

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Natural System Error Messages NAT1051-NAT1100

NAT1051: Global buffer pool ended at :1:.

NAT1052: Global buffer pool is not active.

NAT1053: Global buffer pool is already active.

NAT1054: Global buffer pool is active. Use Count = :1:.

NAT1055: Initialisation in progress.

NAT1056: Global buffer pool is being closed. Use Count: :1:.

NAT1057: NATGBPM is already active.

NAT1058: Error in parameter string.

NAT1059: Non-MVS system.

NAT1060: XA specified for non-MVS/XA system.

NAT1061: Cannot run V=R. Storage key must be 8.

NAT1063: This is not a Natural buffer pool.

NAT1064: IDT not located.

NAT1065: DBID already active on node :1:.

NAT1066: Database table is full.

NAT1068: Forced shutdown terminated.

NAT1069: Processing terminated.

NAT1070: Buffer pool initialisation not linked.

Text	Buffer pool initialization is not linked.
Expl.	Driver entry CMBPGETS is missing. Natural environment is incomplete.
Actn.	Check your Natural environment.

NAT1071: Incompatible version for :1: buffer pool :2:.

Text	Incompatible version for :1: buffer pool :2:.
Expl.	The version of the already initialized buffer pool is not supported by the current Natural version. Special consideration for Natural Version 3.1.4 and above: The buffer pool has been initialized with PLUGIN=BP, but the Natural session using this buffer pool is running with PLUGIN=NOBP.
Actn.	Ensure that the buffer pool is allocated by a compatible Natural version, or change the PLUGIN setting.

NAT1072: Incompatible type for :1: buffer pool :2:.

Text	Incompatible type for :1: buffer pool :2:.
Expl.	Natural has various buffer pools to share common virtual memory.: For example: - type Natural for Natural programs, - type SORT for common external sort space, - type EDIT for common external editor buffers and - type MONITOR for common monitor data. Because the buffer pool types have different storage layouts, it is not possible to use the buffer pool types interchangeably.
Actn.	Check NTBPI macro settings in your NATPARM file for local buffer pools or the parameter settings in you startup JCL for global buffer pools.

NAT1073: Initialization of :1: buffer pool failed. (:2:)

Text	Initialization of ... buffer pool failed.
Expl.	The indicated buffer pool could not be initialized for one of the following reasons: - GETMAIN for the local buffer pool storage failed - specified buffer pool size (BPSIZE parameter) is too small - missing LINK for the EDTSTUB (installation error)
Actn.	Please check installation and correct the problem.

NAT1074: Global :1: buffer pool :2: not found.

Text	Global :1: buffer pool :2: not found.
Expl.	The global buffer pool :2: of type :1: could not be found. Either the global buffer pool is not yet allocated or the used name of the global buffer pool is wrong. If the buffer pool could not be found because the Natural subsystem does not exist, the name of the Natural subsystem is appended to the name of the global buffer pool, separated by a slash (/).
Actn.	Check the name of the global buffer pool (Natural profile parameter BPNAME or NTBPI/BPI subparameter NAME) and/or the name of the Natural subsystem (Natural profile parameter SUBSID).

NAT1075: Invalid Text Record size.

Text	Invalid Text Record size.

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NAT1076: An error has occurred while loading preload list members.

Text	An error has occurred while loading preload list members.
Expl.	During session initialisation Natural loads the modules defined in the preload list into the buffer pool. The name of the preload list is defined at BP start. The preload list is located in your FNAT in library SYSBPM.
Actn.	Please check the consistency of your preload list.

NAT1077: Bufferpool propagation failed

Text	Bufferpool propagation failed
Expl.	Depending on the value of the session parameter BPPROP Natural propagates a subset of the bufferpool calls. BPPROP=OFF No propagation. BPPROP=GLOBAL Propagate to all global bufferpools within one system image. BPPROP=PLEX Propagate within the entire SYSPLEX to those bufferpools with the same BPID. BPPROP=GPLEX Propagate to all global bufferpools within the entire SYSPLEX. Depending on the operating system propagation is executed asynchronously by Natural"s authorized service manager or synchronously by the Natural nucleus.
Actn.	Please contact the Natural administrator.

NAT1100: Input value for a numeric field is not numeric.

Text	Input value for a numeric field is not numeric.
Expl.	The input value for a numeric field must contain a valid numeric value. The value may be preceded and/or followed by one or more blanks. Only one sign and decimal character are permitted. The value must not be longer than the field.
Actn.	Enter a valid numeric value.

Natural System Error Messages NAT1101-NAT1150

NAT1101: The specified maximum page count has been exceeded.

Text	The specified maximum page count has been exceeded.
Expl.	The value for the maximum number of pages, as specified in the Natural session parameter MP, has been exceeded.
Actn.	Increase the value for the MP parameter, or reduce the number of pages produced.

NAT1102: Input hexadec. value does not contain hexadec. characters.

Text	Input hexadecimal value does not contain hexadecimal characters.
Expl.	For the specification of hexadecimal input, only the characters "0" to "9" and "A" to "F" may be used.
Actn.	Enter valid hexadecimal characters.

NAT1103: Field number in REINPUT statement must not exceed 255.

Text	Field number in REINPUT statement must not exceed 255.
Expl.	The field number to mark a field in the REINPUT statement may be specified as a numeric constant or the content of a numeric integer variable with a value of 255 or less.
Actn.	Check program and correct error.

NAT1104: Error in input field XXXX.

Text	Use of REINPUT statement in batch mode not permitted.
Expl.	This message is the result of an attempt to use the REINPUT statement in batch mode, which is not permitted.
Actn.	Correct the input data for the indicated field.

NAT1105: Undefined keyword :1: in input.

Text	Undefined keyword ... in input.
Expl.	In keyword/delimiter input mode, individual fields can be selected via keywords, that is, the field name or the text that was specified preceding the field name in the INPUT statement. The specified value cannot be identified as a keyword from the INPUT statement.
Actn.	Either use %F or IM=F for forms mode in order to be prompted with keyword text, or use the correct keyword value.

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NAT1106: Data string for input field too long.

Text	Data string for input field too long.
Expl.	The data string entered for a field in delimiter mode is longer than the internal length definition of the field.
Actn.	Enter data string of correct length.

NAT1107: Parameter error detected during FETCH execution.

Text	Parameter error detected during FETCH execution.
Expl.	The probable cause is a packed field being passed to a fetched program as a parameter value.
Actn.	Check program and correct error.

NAT1108: REINPUT statement not preceded by INPUT statement.

Text	REINPUT statement not preceded by INPUT statement.
Expl.	When a REINPUT statement is to be executed, the last communication with the screen must have been via an INPUT statement. REINPUT is not permitted for a screen that was produced by a WRITE or DISPLAY statement. Neither is REINPUT permitted for an INPUT statement inside a loop, subroutine or special condition block, when the loop, subroutine or special condition block has already been terminated. e.g.: REPEAT INPUT ... ESCAPE LOOP REINPUT will produce this error because at execution of the REINPUT statement the loop which contains the respective INPUT statement has already been closed.
Actn.	INPUT statement has already been closed. Check program and correct error.

NAT1109: REINPUT cannot be executed in batch mode.

Text	REINPUT cannot be executed in batch mode.
Expl.	A program containing a REINPUT statement cannot be executed in batch mode.
Actn.	Do not execute REINPUT in batch mode.

NAT1110: Restart after synchronizing "OBJIN/SYNIN".

Text	Restart after synchronizing "OBJIN/SYNIN".
Expl.	If an input error occurs, Natural must terminate the current program. The restart point is defined as the next "%%" (that is, the current terminal control function value) in both OBJIN and SYNIN. After flushing input from both OBJIN and SYNIN until the next "%%", Natural resumes processing with the next command after "%%" in SYNIN reads input data after the next "%%" in OBJIN. Note: The first "%" is the character indicating a terminal command. It may be any special character, as defined by the Natural administrator with the Natural session parameter CF or by the GLOBALS command or the SET GLOBALS statement.
Actn.	Check input data and correct error.

NAT1111: Error in input data stream.

Text	Error in input data stream.
Expl.	An invalid character was detected after the equal sign "=" in the input data stream.
Actn.	Check the usage of assign characters in the input data stream.

NAT1112: No data entered for a mandatory input field.

Text	No data entered for a mandatory input field.
Expl.	Input fields can be defined with the option that an input value is required, in which case it must be supplied with the INPUT statement.
Actn.	Enter a valid value.

NAT1113: Subroutine was not entered via PERFORM.

Text	Subroutine was not entered via PERFORM.
Expl.	The REINPUT statement refers to a previous INPUT statement that is located in a subroutine; or a RETRY statement refers to a database statement that is located in a subroutine.
Actn.	Check program and correct error.

NAT1114: Internal output buffer overflow, :1:.

Text	Internal output buffer overflow, :1:.
Expl.	An overflow condition occurred during the writing of information to an output area.
Actn.	Reduce the program-defined page size and then re-run the program, or start the Natural session with an increased page size (PS).

NAT1115: Invalid alphabetic value for SET GLOBALS statement.

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Text	Invalid alphabetic value for SET GLOBALS statement.
Expl.	Permitted values are: CC ON/OFF CF any character DU ON/OFF DC any character EJ ON/OFF IA any character FS ON/OFF ID any character LE ON/OFF IM F/D RECAT ON/OFF PM C/I/N SA ON/OFF DFSTACK S/I/C WH ON/OFF DFOUT S/I ZD ON/OFF ZP ON/OFF Note: T and F are synonyms of ON and OFF respectively.
Actn.	Check program and correct error.

NAT1116: Invalid numeric value for SET GLOBALS statement.

Text	Invalid numeric value for SET GLOBALS statement.
Expl.	Valid values are: LS 0-250 LT 0-99999999 MT 0-maximum determined by operating environment. PD 0-255 PS 0-250 SF 1-30 SL 20-80
Actn.	Check program and correct error.

NAT1117: Requested map not available.

Text	Requested map not available.
Expl.	A map to be used in an INPUT USING MAP must exist in object form in the current library; however, the requested map was not found in the current library.
Actn.	Make sure you are using the correct library and the correct map name.

NAT1118: Format/length conflict in loaded map.

Text	Format/length conflict in loaded map.
Expl.	The fields specified in the INPUT USING MAP statement must agree in sequence, format and length with the fields defined in the map.
Actn.	Check program and map and correct error.

NAT1119: The loaded map is incompatible with the variable list.

Text	The loaded map is incompatible with the variable list.
Expl.	The fields in the INPUT USING MAP statement must agree in sequence and number with the fields defined in the map. However, the number of elements in the loaded map is not the same as in the supplied variable list.
Actn.	Check program and correct error.

NAT1120: Positional parameter may not override pre-entered value.

Text	Positional parameter may not override pre-entered value.
Expl.	To a positional parameters entered in delimiter mode no more than one value may be assigned; for example: %1=VALUE1,VALUE2 -> will produce this error. VALUE1,%1=VALUE2 -> is a correct specification, since Natural allows specified positions or keys to override values entered in positional mode.
Actn.	Check input and correct error.

NAT1121: Number in "%nnn" out of range.

Text	Number in "%nnn" out of range.
Expl.	The field position requested by "%nnn" is not defined in the INPUT statement. The highest possible number is determined by the number of input fields defined.
Actn.	Enter valid number for input field.

NAT1122: No "=" found after "%nnn".

Text	No "=" found after "%nnn".
Expl.	Natural treats "%nnn" as a keyword. A value must be specified after the assign character: %nnn=value.
Actn.	Use valid syntax construct for input value.

NAT1123: Number in "%nnn" not numeric.

Text	Number in "%nnn" not numeric.
Actn.	Enter integer field number for field selection.

NAT1124: End of file in input after continuation.

Text	End of file in input after continuation.
Expl.	A data concatenation was requested in the data stream for an INPUT statement, but no data were found in the next line.
Actn.	Enter data in continuation line.

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NAT1125: Too many significant digits in numeric input value.

Text	Too many significant digits in numeric input value.
Expl.	The integer part of a numeric input value contains more significant digits than defined in the variable definition.
Actn.	Enter valid input data.

NAT1127: Error during assignment of floating point variable(s).

Text	Error during assignment of floating point variable(s).
Expl.	The most likely cause of this error is that one of the variables overflowed. Single-precision floating-point variables can only represent values of a precision of 7 digits or less. Double-precision floating-point variables may be used for approximately 19 digits. Extended precision must be used for values of 20 digits or more.
Actn.	Check program and correct error.

NAT1128: Values for "DC", "IA", "ID" must exclude one another.

Text	Values for "DC", "IA", "ID" must exclude one another.
Expl.	A value for one of the parameters DC, IA or ID has been specified with a SET GLOBALS statement which is the same as the value for one of the other two parameters.
Actn.	Specify values for DC, IA, and ID which are different from one another.

NAT1129: Physical terminal buffer overflow.

Text	Physical terminal buffer overflow.
Expl.	The physical terminal buffer has overflowed during execution of an INPUT statement. As the execution of an INPUT statement implies immediate writing of the resulting map to the terminal, an overflow condition is regarded as an error.
Actn.	Decrease the number of fields to be displayed; or ask your Natural administrator to increase, if possible, the size of the physical terminal buffer (in the TP-driver source).

NAT1130: Unintended century switch when stacking date string.

Text	Unintended century switch when stacking date string.
Expl.	DFSTACK=C has been specified, which means that date strings are put on the stack without the century information (Natural V22 mode). When recovering this information (under control of a Sliding Window or the current century), an unintended century switch would occur: the year is not within the range of the sliding window or not in the current century.
Actn.	Correct error in program or specify DFSTACK=I.

NAT1131: Screen input/output error.

Text	Screen input/output error.
Expl.	The terminal driver has returned an error during a read/write operation to a terminal device.
Actn.	Ensure that the terminal device being used is supported by Natural.

NAT1132: Internal error, attribute buffer destroyed.

Text	Internal error, attribute buffer destroyed.
Expl.	An internal error has occurred during transfer from the page-attribute buffer to the screen-attribute buffer. The error can only occur when either the two buffers has been overwritten. Either the expected attributes are not in sorted order or do not fully describe the corresponding screen or page buffer.
Actn.	Contact your Natural administrator; if necessary, contact Software AG Support.

NAT1133: Invalid terminal function requested.

Text	Invalid terminal function requested.
Actn.	Enter valid terminal function.

NAT1134: Terminal function not supported.

Text	Terminal function not supported.
Actn.	Press ENTER to continue the session.

NAT1135: Hardcopy function not supported.

Text	Hardcopy function not supported.
Expl.	The hardcopy (%H) function requires a spooling subsystem and a valid device address. These are not available for the active terminal/TP monitor.
Actn.	Contact your Natural administrator concerning hardcopy support.

NAT1136: More than 250 lines in an output page.

Text	More than 250 lines in an output page.
Expl.	An output statement was executed which results in more than 250 lines in the current output page. The maximum value for the PS parameter is 250.
Actn.	Check program and correct error.

NAT1137: Date is outside valid range.

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Text	Date is outside valid range.
Expl.	A date variable contains a value which does not represent a valid Gregorian date (value is less than 1582).
Actn.	Check program and correct error.

NAT1138: SKIP value is invalid.

Text	SKIP value is invalid.
Expl.	A value greater than 250 must not be specified in a SKIP statement.
Actn.	Enter a valid value.

NAT1139: Input for "mandatory full" field is not complete.

Text	Input for "mandatory full" field is not complete.
Expl.	The value for a field that is defined as "mandatory full" must fill the field completely.
Actn.	Enter a valid value.

NAT1140: Input is not a floating point number.

Text	Input is not a floating point number.
Expl.	The input entered was not a valid floating point number. A valid floating point number starts with an optional sign (+,-), followed by a mantissa with at most one decimal point and an optional exponent. The exponent has to start with the character "E", followed by an optional sign (+,-), followed by one or two decimal digits.
Actn.	Enter a valid number.

NAT1141: Input results in floating point overflow.

Text	Input results in floating point overflow.
Expl.	A positive or negative floating point number was entered, which is too large for floating point processing.
Actn.	Enter a valid number.

NAT1142: Input results in integer value overflow.

Text	Input results in integer value overflow.
Expl.	An integer value was entered which is too large to be processed as indicated in the program.
Actn.	Enter a valid integer value.

NAT1143: Input does not correspond to input edit mask.

Text	Input does not correspond to input edit mask.
Expl.	Data were input which do not correspond to the input mask as defined within the program.
Actn.	Correct error.

NAT1144: Data to be assigned do not correspond to edit mask.

Text	Data to be assigned do not correspond to edit mask.
Expl.	A MOVE EDITED statement was issued with a target edit mask, and the source data do not correspond to the target edit mask.
Actn.	Check program and correct error.

NAT1145: Invalid array structure in arithmetic statement.

Text	Invalid array structure in arithmetic statement.
Expl.	If two arrays or array subranges are processed in an arithmetic statement, the occurrences in the corresponding dimensions must be equal.
Actn.	Check program and correct error.

NAT1146: Invalid array structure in numeric assignment.

Text	Invalid array structure in numeric assignment.
Expl.	If an array or array subrange is assigned to another array or array subrange, the occurrences of the corresponding dimensions must be equal. An array or array subrange must not be assigned to a scalar. If an arithmetic array expression contains operands with different data types, the data types of the intermediate result and the final result must be equal. See Natural documentation to determine the data type of the intermediate result.
Actn.	Check program and correct error.

NAT1147: Illegal use of DISPLAY GIVING SYSTEM FUNCTIONS.

Text	Illegal use of DISPLAY GIVING SYSTEM FUNCTIONS.
Expl.	Only one DISPLAY GIVING SYSTEM FUNCTIONS may be used per report. This applies also to external routines such as CALLNATS, external subroutines, etc.
Actn.	Check program and called routines and remove duplicate DISPLAY GIVING SYSTEM FUNCTIONS.

NAT1148: No help available for this data field.

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Text	No help available for this data field.
Expl.	The help key was pressed or the help character was entered for a field for which no error text or error routine has been defined.
Actn.	Ask your Natural administrator for assistance.

NAT1149: Requested message is not available.

Text	Requested message is not available.
Expl.	A user-defined message, which was requested by a REINPUT statement, is not contained in the database.
Actn.	Contact your Natural administrator.

NAT1150: Attribute buffer overflow.

Text	Attribute buffer overflow.
Expl.	An overflow of the attribute buffer is caused by too many attributes for one logical page. To prevent this error: - reduce the number of fields on one page; or - ask your Natural Administrator to decrease the session parameter AVERIO. This will cause Natural to allocate more memory for the attribute buffer.
Actn.	Reduce number of fields, or contact your Natural administrator.

Natural System Error Messages NAT1151-NAT1200

NAT1151: Invalid access to Natural system function.

Text	Invalid access to Natural system function.
Expl.	An invalid access to a Natural system function was attempted. For example, an attempt was made to assign a value to a read-only system function.
Actn.	Check program and correct error.

NAT1152: Invalid function in screen paging.

Text	Invalid function in screen paging.
Expl.	An invalid function code was entered during screen-page processing.
Actn.	Enter a valid function code.

NAT1153: Requested screen pages are not available.

Text	Requested screen pages are not available.
Expl.	Screen pages were requested during screen paging, but these pages are not available.
Actn.	Correct error.

NAT1154: Help function not possible during help processing.

Text	Help function not possible during help processing.
Expl.	A help key was pressed or the help character was entered while the help system was already active.

NAT1155: Reporting mode not permitted.

Text	Reporting mode not permitted.
Expl.	Switching to reporting mode is not permitted if Natural was started with structured mode (parameter SM=ON). Switching to reporting mode can be done via the GLOBALS command. When a Natural source program is read into the source area, Natural automatically switches to the mode in which the program was stored. The program can be edited, but before a STOW command can be executed, the user must ensure that the program structure is in accordance with the appropriate programming mode.
Actn.	Make sure you are using the correct programming mode.

NAT1156: Statement not possible within TOP OF PAGE or END OF PAGE.

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Text	Statement not possible within TOP OF PAGE or END OF PAGE.
Expl.	The specified statement must not be specified within an AT TOP OF PAGE or AT END OF PAGE statement block.
Actn.	Correct error in program.

NAT1157: Invalid format of operand.

Text	Invalid format of operand.
Expl.	During runtime, the format of an operand is not contained in the list of valid formats.
Actn.	Contact SAG support.

NAT1160: Error in "Recording" activation.

Text	Error in "Recording" activation.
Expl.	This error is caused by one of the following: - The requested recording has not been found. - You have specified no recording name. - For a new recording, you have specified the name of an already existing recording.
Actn.	Make sure you use the right recording name in the right library.

NAT1161: DBCS: Invalid SO/SI pair in line :1: column :2:.

Text	DBCS: Invalid SO/SI pair in line ... column ....
Expl.	Natural checks the correct pairing of SO/SI for DBCS (double-byte character set) terminals.
Actn.	Check program logic and generate correct SO/SI pairs.

NAT1165: The WINDOW statements are no longer consistent.

Text	Window statement corrupted.
Expl.	Natural tried to execute the internal reference to the DEFINE WINDOW statement during the execution of an INPUT WINDOW=window-name or SET WINDOW window-name. The reference is not the correct statement anymore. Probably the generated program has been destroyed.
Actn.	Clear the buffer pool and restart Natural. Recatalog the program.

NAT1166: Invalid window width specified in SIZE clause.

Text	Invalid window width specified in SIZE clause.
Expl.	The value for the number of columns in the SIZE clause of the DEFINE WINDOW statement is outside the valid range. The minimum number of columns if the FRAME clause is used is 13. The minimum number of columns if the FRAME clause is not used is 10. The maximum number of columns is the physical screen size.
Actn.	Correct program.

NAT1167: Invalid window length specified in SIZE clause.

Text	Invalid window length specified in SIZE clause.
Expl.	The value for the number of lines in the SIZE clause of the DEFINE WINDOW statement is outside the valid range. The minimum number of lines if the FRAME clause is used is 4. The minimum number of lines if the FRAME clause is not used is 2. The maximum number of lines is the physical screen size.
Actn.	Correct program.

NAT1168: Invalid window start line (:1:).

Text	Invalid window start line (...).
Expl.	The current size of the window inhibits the position of the window at the specified line in the screen.
Actn.	Reduce the size of the window, or use a smaller line value.

NAT1169: Invalid window start column (:1:).

Text	Invalid window start column (...).
Expl.	The current window size is too large to start the window at the specified column on the screen.
Actn.	Reduce the window size, or use a smaller column value.

NAT1170: PC access method not available.

Text	PC access method not available.
Expl.	Natural checks to see if the terminal command "%+" is valid in the current environment. The PC access method is not linked to the Natural nucleus.
Actn.	Do not use "%+", or contact your Natural administrator.

NAT1171: The required terminal support routine is missing.

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Text	The required terminal support routine is missing.
Expl.	This error occurs if the terminal command "%T=nnnn" has been entered but the required support routine for terminal type "nnnn" has not been linked to the Natural nucleus, and Natural therefore does not recognize this terminal type. This error also occurs if the terminal command "%+" has been entered from a PC running in ASYNCH (TTY) mode to activate Natural CONNECTION full-screen support, but the required TTY support routine has not been linked to the Natural nucleus.
Actn.	Link Natural correctly and retry.

NAT1172: PC connection already active.

Text	PC connection already active.
Expl.	The terminal command "%+" has been entered, but PC connection was already active.
Actn.	No action required.

NAT1173: PC connection not active.

Text	PC connection not active.
Expl.	The terminal command "%-" has been entered, but the PC connection was not active or had already been de-activated.
Actn.	No action required.

NAT1174: Not in lower case for upload.

Text	Not in lower case for upload.
Expl.	For uploads, Natural has to be in lower case to be able to compute the right check sum and to upload binary data.
Actn.	Set lower case on and try again.

NAT1175: Upload aborted due to check sum errors.

Text	Upload aborted due to check sum errors.
Expl.	The sent check sum is different from the one computed by Natural.
Actn.	Try upload again later.

NAT1176: Natural 1.2 programs not supported by this access method.

Text	Natural 1.2 programs not supported by this access method.
Expl.	The new PC access method supports only Natural Version 2 programs.
Actn.	Convert your program to Natural 2 or use the old PC access method for this program.

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NAT1177: Unsupported format type found.

Text	Unsupported format type found.
Expl.	Supported format types for the old PC access method are alphanumeric and numeric. Supported format types for the new PC access method are: - alphanumeric - numeric - packed - logical - floating point - integer - binary.
Actn.	Correct your program and retry.

NAT1178: Uploaded data are not a DDM or Natural 2 source/object.

Text	Uploaded data are not a DDM or Natural 2 source/object.
Expl.	The data used when uploading a DDM or a source binary or an object are not of the appropriate type. The used file on the PC does not hold a binary downloaded DDM or source or object.
Actn.	Use an appropriate file and retry.

NAT1179: Used work file number not assigned to PC or PCNEW.

Text	Used work file number not assigned to PC or PCNEW.
Expl.	The work file number used in the subprogram for the current up-/download is either not assigned to PCNEW if up/downloading binary or not assigned to PC or PCNEW if up-/downloading as source. Use SYSFILE to check which work files are assigned to PC and PCNEW.
Actn.	Use correct work file number and retry.

NAT1180: Invalid type entered for "Upload from PC".

Text	Invalid type entered for "Upload from PC".
Expl.	Valid types for "Upload from PC" are: P, N, S, H, C, K, T, M, 4.
Actn.	Use appropriate type.

NAT1181: Source or object for download does not exist.

Text	Source or object for download does not exist.
Expl.	An attempt was made to download a non-existing source or object.
Actn.	Check the name and the library of the source or object you want to download and retry.

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NAT1182: Source to download is of invalid type.

Text	Source to download is of invalid type.
Expl.	An attempt was made to download a data area as source. Sources of data areas can only be downloaded binary.
Actn.	Download source of data area binary.

NAT1183: Specified work file cannot be used for COMMAND download.

Text	Specified work file cannot be used for COMMAND download.
Expl.	The specified work file cannot be used for a WRITE/DOWNLOAD PC/WORK 5 COMMAND statement, because of one of the following reasons: - The work file is not defined for the new PC access method. - The work file is already being used.
Actn.	Define work file correctly, or use different work file.

NAT1184: Downloaded command rejected by PC.

Text	Downloaded command rejected by PC.
Expl.	The command that was downloaded has been rejected by the PC, because the command is not valid. Please refer to the your Natural Connection documentation for information on which commands can be downloaded.
Actn.	Correct program and retry download.

NAT1185: Catalog the object before you download/upload it.

Text	Catalog the object before you download/upload it.
Expl.	The object contains an error or inconsistency which prevents its being downloaded/uploaded.
Actn.	Catalog the object to be downloaded/uploaded; then try again to download/upload it.

NAT1186: Buffer overflow due to too many or too long field names.

Text	Buffer overflow due to too many or too long field names.
Expl.	While downloading/uploading data with field names, a buffer overflow has occurred. The reason that the field names do not fit into the corresponding buffer, either because too many fields are sent or because the field names are too long.
Actn.	Upload/download the data without field names (see PC profile parameter), or reduce the number of fields to be uploaded/downloaded.

NAT1200: I/O error during external sort.

 Natural System Error Messages NAT1151-NAT1200

Text	I/O error during external sort.
Expl.	The system sort program to be used for the external sort function could not be found in any of the libraries defined to the Natural program as load libraries.
Actn.	Check if SORTNAM in NATPARM or dynamic parameters contain a valid sort-program name and that the load library available to Natural contains that module.

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Natural System Error Messages NAT1201-NAT1250

NAT1201: External sort control fields total exceeds 256 bytes.

Text	External sort control fields total exceeds 256 bytes.
Expl.	The external sort used via the SORT statement supports a maximum of 256 bytes for the sort fields.
Actn.	Reduce the number or length of sort fields specified in the SORT statement.

NAT1202: Error in external sort; core/disk space insufficient.

Text	Error in external sort; core/disk space insufficient.
Expl.	For the external sort function, either a system sort program is invoked (in batch mode) or an incore sort is invoked (in online mode). In batch mode, the reason for the error message is either insufficient disk space or a missing DD card. In online mode, the reason for the message is insufficient memory in the file buffer which is used for intermediate storage in the sort process.
Actn.	Contact your Natural administrator.

NAT1203: Sort request handler not found or not executable.

Text	Sort request handler not found or not executable.
Expl.	The Natural SORT nucleus can be configuered using different sort request handlers to execute the sort function. A sort request handler can be: an interface to an external SORT product, the Natural incore SORT or an access method to an intermediate storage medium. Which sort request handler is used can be configured with the Natural parameter SORT (or the NTSORT macro). Subparameter EXT=ON is only possible in batch oriented environments and requires that an external SORT product is installed and can be found under EXTNAME= . Subparameter STORAGE=SD is possible under Com-plete only.
Actn.	Please check your SORT (NTSORT) definitions.

NAT1204: External sort module not found.

Text	External sort module not found.
Expl.	The system sort program to be used for the external sort function could not be found in any of the libraries defined for the Natural run.
Actn.	Check if the NTSORT parameter EXTNAME contains a valid name for the sort program and that the load libraries defined for the Natural run contain that module.

NAT1205: No more sort work space.

Text	No more sort work space.
Expl.	There is no more space in the core; or the work files cannot be accessed, are full, or cannot be supported; or the record size is greater than the maximum buffer size.
Actn.	Decrease the number of records to be sorted, or the number of fields per sort record; or enlarge the incore sort work area or sort work files (if present).

NAT1206: No more internal work space for buffer pool sort.

Text	No more internal work space for buffer pool sort.
Expl.	The internal work space required for a buffer pool sort is full.
Actn.	Increase the NTSORT parameter WRKSIZE.

NAT1207: Sort buffer pool is full.

Text	Sort buffer pool is full.
Expl.	The sort buffer pool used as a temporary storage for intermediate results during the sort function is full. The problem may also be caused by too many parallel sort runs.
Actn.	Increase the size of the sort buffer pool or decrease the number of parallel sorts.

NAT1208: The buffer pool sort module could not be found.

Text	The buffer pool sort module could not be found.
Expl.	The buffer pool sort module is not linked to NAT2SORT. This is an internal error.
Actn.	Contact Software AG support.

NAT1209: Internal error during buffer pool sort.

Text	Internal error during buffer pool sort.
Expl.	Internal control blocks are destroyed.
Actn.	Contact Software AG support.

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 Natural System Error Messages NAT1201-NAT1250

NAT1210: Sort buffer pool lost during open processing.

Text	Sort buffer pool lost during open processing.
Expl.	The sort buffer pool is lost during execution of the sort function. Possible reasons: - The sort buffer pool was shut down while sort was active. - The Natural session was switched to another address space and no global sort buffer pool was used. - The Natural session was switched to another operating system image (SYSPLEX only). This is not supported.
Actn.	Ensure that the same sort buffer pool is available to the Natural session while a sort function is active.

NAT1211: Sort buffer pool lost during read/write processing.

Text	Sort buffer pool lost during read/write processing.
Expl.	The sort buffer pool is lost during execution of the sort function. Possible reasons: - The sort buffer pool was shut down while sort was active. - The Natural session was switched to another address space and no global sort buffer pool was used. - The Natural session was switched to another operating system image (SYSPLEX only). This is not supported.
Actn.	Ensure that the same sort buffer pool is available to the Natural session while a sort function is active.

NAT1212: Internal error - no more space in quicksort work area.

Text	Internal error - no more space in the quicksort work area.
Actn.	Contact your Natural administrator.

NAT1213: Sort buffer pool lost during purge processing.

Text	Sort buffer pool lost during purge processing.
Expl.	The sort buffer pool is lost during execution of the sort function. Possible reasons: - The sort buffer pool was shut down while sort was active. - The Natural session was switched to another address space and no global sort buffer was used. - The Natural session was switched to another operatinfg system image (SYSPLEX only). This is not supported.
Actn.	Ensure that the same sort buffer pool is available to the Natural session while a sort function is active.

NAT1220: Multiple active SORTs are not allowed.

 Natural System Error Messages NAT1201-NAT1250

Text	Multiple active SORTs are not allowed.
Expl.	No more than one SORT loop may be active at a time. This error occurs if within an active processing loop initiated with a SORT statement another program, subprogram or subroutine is invoked, and within this invoked object another SORT statement is executed.
Actn.	Correct error in application.

NAT1221: GETMAIN for Natural WORKSTATION INTERFACE buffer failed.

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 Natural System Error Messages NAT1251-NAT1300

Natural System Error Messages NAT1251-NAT1300

NAT1300: Negative exponent not allowed.

Text	Negative exponent not allowed.
Expl.	Natural performs an exponentiation via repetitive multiplication. Negative exponents are not permitted.
Actn.	Use only positive exponent values.

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Natural System Error Messages NAT1301-NAT1350

NAT1301: Intermediate result too large.

Text	Intermediate result too large.
Expl.	The construct of the arithmetic expression generates an intermediate result with too many digits.
Actn.	Separate the arithmetic expression into several statements with defined lengths for intermediate results.

NAT1302: Division by zero not permitted by parameter ZD=ON.

Text	Division by zero not permitted by parameter ZD=ON.
Expl.	The ZD session parameter is set to "ON". This creates an error when a division by zero is attempted. If a result of zero is desired when attempting a division by zero, change the setting of the ZD session parameter to "OFF".
Actn.	Set "ZD=OFF" if desired.

NAT1303: Numeric truncation caused by adding/subtracting 1.

Text	Numeric truncation caused by adding/subtracting 1.
Expl.	In the evaluation of a relational expression, the operators GREATER and LESS THAN are evaluated by adding/subtracting "1" from the value.
Actn.	Increase length of field used in relational expression.

NAT1304: Value has been rounded and does not fit into field.

Text	Value has been rounded and does not fit into field.
Expl.	Rounding has caused the value to exceed the number of digits defined for the field.
Actn.	Increase length of field being rounded.

NAT1305: Numeric value truncated in MOVE/ASSIGN operation.

Text	Numeric value truncated in MOVE/ASSIGN operation.
Expl.	The receiving field in a MOVE/ASSIGN operation is not long enough to hold the result of the value.
Actn.	Increase the length of the receiving field.

NAT1306: Error in STEP value in FOR statement.

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Text	Error in STEP value in FOR statement.
Expl.	The end value cannot be reached by incrementing the start value because STEP value = 0 was detected.
Actn.	Check program and correct error.

NAT1307: Resulting element address in MOVE INDEXED out of range.

Text	Resulting element address in MOVE INDEXED out of range.
Expl.	The target address of the MOVE INDEXED operation lies outside the Natural data area.
Actn.	Check index value or length of base field in MOVE INDEXED.

NAT1308: Replace string does not fit into variable.

Text	Replace string does not fit into variable.
Expl.	In an EXAMINE statement, one of the strings to be examined and replaced resulted in a total string length that is larger than the variable length. A truncation of a value is not allowed in an EXAMINE statement.
Actn.	Adjust length of field in EXAMINE statement.

NAT1309: Overflow in NUMBER variable of EXAMINE statement.

Text	Overflow in NUMBER variable of EXAMINE statement.
Expl.	The number of strings found in the source variable is too large to be represented in the NUMBER variable of the EXAMINE statement.
Actn.	Adjust the length of the NUMBER variable.

NAT1310: RETRY statement not allowed for this error number.

Text	RETRY statement not allowed for this error number.
Expl.	1. A RETRY is only possible for database response code "145". This response code indicates that a record which is to be read for update is currently in "hold" status for another user. NAT3145 can only occur when the global option WH=OFF (wait hold) is in effect. 2. NAT1310 can also occur under one of the following conditions if the response code is in fact "145": - The object module which was active when "145" was received does not contain an ON ERROR statement. - The RETRY statement executed in reaction to "145" is not contained in the same object module as was active when the response code was received. Response code "145" can only be handled by the object module which is active when the response code is received. When control is returned from that module, Natural automatically converts NAT3145 to NAT1310.
Actn.	that module, Natural automatically converts NAT3145 to NAT1310. Check program and correct error.

NAT1311: Index in MOVE INDEXED statement is zero or negative.

Text	Index in MOVE INDEXED statement is zero or negative.
Expl.	The index in a MOVE INDEXED statement must be positive.
Actn.	Correct program.

NAT1312: Number of elements too large for number field.

Text	Number of elements too large for number field.
Expl.	The NUMBER clause was used in the SEPARATE statement, but the number of elements to be returned does not fit into the field specified.
Actn.	Increase the length of the field which is to contain the resulting number of elements.

NAT1313: Not enough receiving fields available in SEPARATE.

Text	Not enough receiving fields available in SEPARATE.
Expl.	The source field contained so many delimiter characters that there were not enough target fields available in the SEPARATE statement to receive all values.
Actn.	Check program and correct error.

NAT1314: Target field too small for field portion.

Text	Target field too small for field portion.
Expl.	In a SEPARATE statement, a portion of a field to be transferred is larger than the target field specified.
Actn.	Increase the length of the target field.

NAT1315: Source field and target field in SEPARATE overlap.

Text	Source field and target field in SEPARATE overlap.
Actn.	Avoid overlapping of source and target fields.

NAT1316: Index not within array structure.

Text	Index not within array structure.
Expl.	The index specified for an array is not within the dimensions defined for the array.
Actn.	Check program and correct error.

NAT1317: Array range operation on invalid ranges.

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Text	Array range operation on invalid ranges.
Expl.	An arithmetic operation may operate on array ranges with identical range structures, or on array ranges with single values (scalar values). Two or three ranges were defined for an arithmetic operation, which do not have identical range structures.
Actn.	Check program and correct error.

NAT1318: Overlap during ASSIGN.

Text	Overlap during ASSIGN.
Expl.	During assignment of alphanumeric or binary operands, an invalid overlap was detected. This condition occurs when an attempt is made to move a byte which has already been moved during the execution of the statement.
Actn.	Check program and correct error.

NAT1319: Invalid date operation.

Text	Invalid date operation.
Expl.	The result of an operation (date integer) is a negative date.
Actn.	Check program and correct error.

NAT1320: Invalid operand for system function VAL.

Text	Invalid operand for system function VAL.
Expl.	The operand of the VAL system function does not contain a valid alphanumeric representation of the resulting value. The VAL system function is similar to the INPUT statement: what is accepted by the INPUT statement is also accepted by the VAL system function.
Actn.	Check program and correct error.

NAT1321: Invalid UNTIL parameter in MOVE ALL statement.

Text	Invalid UNTIL parameter in MOVE ALL statement.
Expl.	This error may be caused by one of the following: - The UNTIL parameter contains a negative value. - The UNTIL parameter contains a value with more than 7 valid decimal digits or more than 31 valid binary digits.
Actn.	Correct error.

NAT1322: Parameter :1: missing in CALLNAT statement.

Text	Parameter ... missing in CALLNAT statement.
Expl.	Natural tried to execute a statement which contained a reference to a parameter which was not supplied in the CALLNAT statement. This may occur if the CALLNAT parameter list is shorter than the parameter list (DEFINE PARAMETER) in the called module.
Actn.	Specify the missing parameter in the CALLNAT statement.

NAT1323: ACCEPT, REJECT, REINPUT not allowed in end-data condition.

Text	ACCEPT, REJECT, REINPUT not allowed in end-data condition.
Expl.	The statements ACCEPT and REJECT are not allowed in an end-of-data condition (loop is already closed). The same restriction applies for a REINPUT statement if the corresponding INPUT statement is contained within a loop which has been closed.
Actn.	Check program and correct error.

NAT1324: Loop must be active if this statement is used.

Text	Loop must be active if this statement is used.
Expl.	ESCAPE LOOP, ACCEPT, REJECT or PERFORM BREAK PROCESSING cannot be executed because there is no loop active.
Actn.	Correct error in program.

NAT1325: Too many asterisks "*" found in pattern.

Text	Too many asterisks "*" found in pattern.
Expl.	A maximum of 10 asterisks "*" may be supplied in a pattern. If more "*" are found in the pattern, a table overflow occurs and therefore the execution is stopped. However, "**" is recognized as "*".
Actn.	Decrease the number of asterisks "*" in the pattern.

NAT1326: Range specified in SUBSTRING option is outside field.

Text	Range specified in SUBSTRING option is outside field.
Expl.	Error in the SUBSTRING option of an ASSIGN, EXAMINE, IF, MOVE or SEPARATE statement: - the starting position is not within the field; or - the value of the starting position is zero or negative; or - the specified length exceeds the length of the field; or - the length value is zero or negative.
Actn.	Check program and correct error.

NAT1327: Data in numeric field is not numeric

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 Natural System Error Messages NAT1301-NAT1350

Text	Data in numeric field is not numeric
Expl.	The content of a numeric variable (type N, F or P) is not numeric. For example, a field of the definition N4 contains the hexadecimal value H"404040F1" A possible reason is that the numeric field is a redefinition of an alphanumeric field.
Actn.	Correct error in program.

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 Natural System Error Messages NAT1351-NAT1400

Natural System Error Messages NAT1351-NAT1400

NAT1400: Overflow for total/sum in Natural system function.

Text	Overflow for total/sum in Natural system function.
Expl.	The value that resulted from the addition of values from all processed records caused an overflow of the value for a Natural system function. The number of positions for a Natural system function is derived from the length of the argument field.
Actn.	Increase the length of the argument field.

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Natural System Error Messages NAT1451-NAT1500

NAT1500: Open for :1: file :2: failed :3:.

Text	Open for ... file ... failed ....
Expl.	Possible reasons: - Com-plete: Workfiles: Insufficient space for SD-files. Printers : Message indicates the PSOPEN error. - MVS: Insufficient or incorrect DCB information. Please check for operating system messages in the job log. - VSE: Dataset not allocated in job control. - BS2: see the DMS error code for information. One cause for example, may be code DD33 - file does not exist. - UNIX/PC: Read/write privileges for the directory where the work file is located may be incorrect. Or the specified path for the work file may be incorrect.
Actn.	Contact your Natural administrator.

Natural System Error Messages NAT1501-NAT1550

NAT1501: Insufficient control information for :1: file :2:.

Text	Insufficient control information for ... file ....
Expl.	Either there is insufficient DCB for a READ statement, or a RECFM=F parameter has been specified for a variable WRITE operation. A possible reason is an incompatible DCB specification in job control.
Actn.	Ensure that the referenced work file has previously been used as an output file. If the file is unlabelled, ensure that the characteristics of the files agree with previous WRITE.

NAT1502: Permanent physical I/O error for :1: file :2:.

Text	Permanent physical I/O error for ... file ....
Expl.	The work file cannot be processed because of permanent I/O errors. Possible reason is a physical damage to the file.
Actn.	Check the console log for corresponding error message.

NAT1503: Work file :1: closed within READ WORK FILE loop.

Text	Work file ... closed within READ WORK FILE loop.
Expl.	Within a READ WORK FILE processing loop, another Natural program or subprogram has caused the closing of the work file, either by an explicit CLOSE WORKFILE statement or implicitly due to an end-of-file condition during a READ WORK FILE processing loop. If the work file has been closed, an open READ WORK FILE loop for the work file must be exited with an ESCAPE BOTTOM statement.
Actn.	Correct error.

NAT1504: READ end-of-file reached but not AT END processing coded.

Text	READ end-of-file reached but no AT END processing coded.
Expl.	The READ WORK FILE ONCE option was specified and the file has reached the end-of-file condition. This condition should be checked with an AT END OF FILE clause.
Actn.	Correct program.

NAT1505: Invalid data for numeric input field.

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Text	Invalid data for numeric input field.
Expl.	The READ WORK FILE SELECT option checks all data fields for valid input data. A non-numeric value was found in a field defined as numeric.
Actn.	Check program and correct error.

NAT1506: Packed numeric value and variable definition do not match.

Text	Packed numeric value and variable definition do not match.
Expl.	A READ WORK FILE statement without the RECORD option is attempting to read a packed variable that is defined with an even number of digits (e.g. P6, P5.1). However, the numeric data in the work file does not fit into the variable, but would require an odd number of digits where the number of digits is one more than the current definition. A possible reason is that the data has been written to the work file using another variable definition or using redefinitions.
Actn.	Increase the number of digits in the variable definition by one so that the number of digits is odd, or check the application that wrote the data to the work file.

NAT1507: The :1: file :2: is full.

Text	The ... file ... is full.
Expl.	The space allocated for an output file is not large enough to hold all the records written by the Natural program.
Actn.	Ask your Natural administrator to increase the size of the output file or to reserve more storage for it.

NAT1508: The :1: file :2: is already open for another user.

Text	The ... file ... is already open for another user.
Expl.	The print or work file is being used by another user and cannot be shared by users.
Actn.	Check concurrent programs to ensure that they are not using the same file.

NAT1509: Dynamic allocation for :1: file :2: failed :3:.

Text	Dynamic allocation for ... file ... failed ....
Expl.	During the dynamic allocation of the designated file an error occurred. The error and info codes at the end of the message show the reason for the failure. Refer to IBM OS/390 MVS Programming: Authorized Assembler Services Guide, Chapter "Dynamic Allocation" for the error reason.
Actn.	Contact your Natural administrator.

NAT1510: Record too small for :1: file :2:.

Text	Record too small for ... file ....
Expl.	For VSE systems, this message indicates that the WLRERR exit was entered for a reader using DTFDI or a work file using DTFMT or DTFSD. For MVS systems, this message indicates that for RECFM=F the record is shorter than the dataset record length and padding by blanks (print files) or nulls (work files) is not allowed. Record padding is controlled by the subparameter PAD of the PRINT or WORK parameter.
Actn.	Contact your Natural administrator to ensure that the Natural JCL has been specified correctly. For MVS systems, start the session with subparameter PAD=ON to allow record padding or correct your application.

NAT1511: WRITE WORK FILE issued after READ WORK FILE.

Text	WRITE WORK FILE issued after READ WORK FILE.
Expl.	A work file can be created within a Natural program and subsequently read within it, but not vice versa. If a work file has been opened as a result of executing a READ WORK FILE statement, the execution of a WRITE WORK FILE statement will generate a runtime error.
Actn.	Check program and correct error.

NAT1512: Record too large for :1: file :2:.

Text	Record too large for ... file ....
Expl.	The length of the record to be written exceeds the output dataset record length and truncation by blanks (print files) or nulls (work files) is not allowed. Record truncation is controlled by the subparameter TRUNC of the PRINT or WORK profile parameter.
Actn.	Start the session with subparameter TRUNC=ON to allow record truncation or correct your application program or correct the output dataset record length, e.g. by profile subparameter LRECL.

NAT1513: Error occurred when closing :1: file :2:.

Text	Error occurred when closing ... file ...
Expl.	An error has occurred during CLOSE of the specified print or work file. If a DEFINE or a READ WORK statement failed, the opened file cannot be closed because the profile subparameter CLOSE=FIN was specified for the file.
Actn.	Check the job log protocol for operating system error messages. In case of CLOSE=FIN, change your application program or use another value for the CLOSE subparameter for the file.

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NAT1514: Not supported file organization for :1: file :2:.

Text	Not supported file organization for :1: file :2:.
Expl.	Currently, Natural only supports sequential files as work files.
Actn.	Check file organization of the file to be processed and correct it.

NAT1515: Too many work files opened in parallel.

Text	Too many work files open in parallel.
Expl.	This Natural version is active under Com-plete. Com-plete has the restriction that not more than 5 work files (SD-files) can be processed in parallel by one transaction. Therefore, Natural checks to ensure that not more than 5 are opened at the same time. It is possible that in a set of subsequent transactions more than 5 work files can be processed, but not more than 5 at a time.
Actn.	Reduce number of work files in use.

NAT1516: GETMAIN error on open for :1: file :2:.

Text	GETMAIN error on open for ... file ....
Expl.	There is not enough main storage to satisfy a GETMAIN request that is issued when the specified file is opened.
Actn.	Increase the available region or partition size.

NAT1517: FREEMAIN error on close for :1: file :2:.

Text	FREEMAIN error on close for ... file ....
Expl.	A FREEMAIN request failed when closing the specified file.
Actn.	Contact your Natural administrator.

NAT1518: GET or PUT to not opened:1: FILE :2:.

Text	GET or PUT to not opened:1: FILE :2:.
Expl.	An internal error condition may have occurred.
Actn.	Contact your Natural administrator.

NAT1519: Invalid device type for :1: file :2:.

Text	Invalid device type for ... file ....
Expl.	The device type for a printer is not a printer, or the device type for a work file is neither a tape nor a disk.
Actn.	Check JCL and correct error; if necessary, contact your Natural administrator.

NAT1520: :1: file :2: not available.

Text	... file ... not available.
Expl.	The specified print or work file is not available. Either the file is not defined in Natural, neither by JCL nor profile parameters or the file access method is not available.
Actn.	Check using the SYSFILE utility, whether the file is defined with the correct file name and access method. Check JCL and the PRINT or WORK parameter and correct the error.

NAT1521: Invalid variable record.

Text	Invalid variable record.
Expl.	The first 4 bytes of a variable input-work-file record do not constitute a valid record descriptor-word. The setting of the Natural parameter BWORKD may be incorrect.
Actn.	Check JCL or file and correct error, or contact your Natural administrator.

NAT1522: NATAMUSR: Access method exit NATAM9EX not installed.

Text	NATAMUSR: Access method exit NATAM9EX not installed.
Expl.	The User Access Method exit entry point NATAM9EX is not resolved in User Access Method module NATAMUSR.
Actn.	Check if the exit has an entry point NATAM9EX. Check if the exit is linked to module NATAMUSR.

NAT1523: NATAMUSR: Access method buffer not allocated.

Text	NATAMUSR: Access method buffer not allocated.
Expl.	The User Access Method is not operational because its buffer is not allocated. a) The GETMAIN for the buffer might have failed. b) The buffer has been released, because no . Natural print or work file is managed by . the User Access Method.

NAT1524: NATAMUSR: :1: file :2: exit :3: error rtc :4: reason :5:

Text	NATAMUSR: :1: file :2: exit :3: error rtc :4: reason :5:
Expl.	An error occurred in the User Access Method exit.
Actn.	See User Access Method exit handler for error and reason code and appropriate actions.

NAT1529: Name operand in DEFINE WORK is not allowed for this work file.

NAT1548: TPS spool request failure.

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Text	TPS spool request failure.
Expl.	A non-zero return code on a TPS spool request has occurred.
Actn.	Refer to the appropriate TPS documentation for details.

NAT1549: TPS Spooling Interface not available.

Text	TPS Spooling Interface not available.
Expl.	For online environments: Module TPSSPINO is not available in the TP environment. For batch environments: TPSSPINB is not linked to NSITPS.
Actn.	Depending on your environment, either make TPSSPINO available, or link TPSSPINB to NSITPS.

NAT1550: Natural ADVANCED FACILITIES has not been initialized.

Text	Natural ADVANCED FACILITIES has not been initialized.
Expl.	WRITE or DISPLAY has been requested, but Natural ADVANCED FACILITIES has not been initialized. Most probably the session was started with an invalid PRINTER parameter.
Actn.	Install Natural ADVANCED FACILITIES correctly, and restart the session.

Natural System Error Messages NAT1551-NAT1600

NAT1551: Error on NATSPOOL file.

Text	Error on NATSPOOL file.
Expl.	A response code different from 0 was returned when accessing the NATSPOOL file.
Actn.	Check status of the NATSPOOL file and correct error.

NAT1552: NATSPOOL: Record not found for a report being printed.

Text	NATSPOOL: Record not found for a report being printed.
Expl.	To store a report on the NATSPOOL file, NATSPOOL tries to read the current DETAIL record (for update). This request failed because the record could not be found.
Actn.	Re-run the Natural program which generates the report.

NAT1553: NATSPOOL: Invalid output length in WRITE (rep) statement.

Text	NATSPOOL: Invalid output length in WRITE (rep) statement.
Expl.	The NATSPOOL nucleus receives lines of output from the Natural nucleus. The length of one of these lines is not positive.
Actn.	Contact Software AG support.

NAT1554: NATSPOOL: No message group record found for a queue.

Text	NATSPOOL: No message group record found for a group.
Expl.	To store a queue on the NATSPOOL file, NATSPOOL reads a free group, updates the DETAIL record and then tries to read the previous group record (for update). This request failed because the record could not be found.
Actn.	Re-run the Natural program which generates the queue.

NAT1555: :1: occurred during work- or print file access.

Text	DMS error DXXX occurred during work- or print file access.
Actn.	Check file command settings for work- or print file.

NAT1556: NATSPOOL file is full.

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Text	NATSPOOL file is full.
Expl.	The NATSPOOL file, which is used as the physical spool file for all reports produced by Natural programs, is full. The maximum number of reports that may be contained in the NATSPOOL file, is defined via the formatting function of the Spool File Maintenance.
Actn.	(1) Print some reports with disposition D; or (2) Delete some reports; or (3) Increase the spool file (see Spool File Maintenance).

NAT1557: NATSPOOL: Job number record not found on checkpoint.

Text	NATSPOOL: Job number record not found on checkpoint.
Expl.	The NATSPOOL environment (user profiles, logical printer profiles) has been correctly defined, but the part of the file which is to contain the printout queues has not been pre-formatted.
Actn.	Format the NATSPOOL file, using the F-function of the NATSPOOL operator commands.

NAT1558: NATSPOOL: Interval control error.

Text	NATSPOOL: Interval control error.
Expl.	The NATSPOOL printer task could not be started because an invalid type of request was received for processing by the CICS interval control program.
Actn.	Contact your system programmer.

NAT1559: NATSPOOL: GETMAIN for work area failed.

Text	NATSPOOL: GETMAIN for work area failed.
Expl.	This error may be caused by one of the following: 1) During initialisation, the Natural Advanced Facilities work area (2 KB) could not be allocated. 2) During execution, the size of this work area was not sufficient.
Actn.	1) Increase the thread size. 2) Contact Software AG support.

NAT1560: NATSPOOL: Index record not found for a queue.

Text	NATSPOOL: Index record not found for a queue.
Expl.	This error is caused by an internal error within the NATSPOOL nucleus.
Actn.	Contact your Natural adminstrator; if necessary, contact Software AG support.

NAT1561: NATSPOOL: Invalid form or destination.

Text	NATSPOOL: Invalid form or destination.
Expl.	An internal error has occurred in the NATSPOOL nucleus.
Actn.	Contact your Natural administrator; if necessary, contact Software AG support.

NAT1562: NATSPOOL: Index record not found during close processing.

Text	NATSPOOL: Index record not found during close processing.
Expl.	To close a report on the NATSPOOL file, the index record is updated with "number of pages" and status "to be printed". This request failed because the index record could not be found.
Actn.	Re-run the Natural program which creates the report.

NAT1563: NATSPOOL: EXEC CICS START, invalid SYSID.

Text	NATSPOOL: EXEC CICS START, invalid SYSID.
Expl.	The SYSID of the printer associated with the NATSPOOL printer task could not be found.
Actn.	Contact your Natural administrator.

NAT1564: NATSPOOL: EXEC CICS START, invalid transaction ID.

Text	NATSPOOL: EXEC CICS START, invalid transaction ID.
Expl.	The transaction ID of the NATSPOOL printer task could not be found in the CICS Program Control Table.
Actn.	Contact your Natural administrator.

NAT1565: NATSPOOL: EXEC CICS START, invalid printer ID.

Text	NATSPOOL: EXEC CICS START, invalid printer ID.
Expl.	The terminal ID of the printer associated with the NATSPOOL printer task could not be found in the CICS Terminal Control Table. Possible reasons are: - a misspelt printer name in the NATSPOOL Allocation Table; or - the terminal ID of the printer is not contained in the CICS TCT.
Actn.	Check NATSPOOL Allocation Table or contact your Natural administrator.

NAT1566: NATSPOOL: Printer not defined in CICS, or LOCATE failed.

Text	NATSPOOL: Printer not defined in CICS, or LOCATE failed.
Expl.	When scanning the CICS Terminal Control Table (DFHTC CTYPE=LOCATE), the terminal ID specified in TCATPTA could not be located.
Actn.	Contact your Natural administrator.

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NAT1567: NATSPOOL: CICS locate failed.

Text	NATSPOOL: CICS locate failed.
Expl.	When scanning the CICS Terminal Control Table (DFHTC CTYPE=LOCATE), an error occurred.
Actn.	Contact your Natural administrator. See program NATAF in the Natural ADVANCED FACILITIES source library.

NAT1568: NATSPOOL: Open printer for hardcopy output failed.

Text	NATSPOOL: Open printer for hardcopy output failed.
Expl.	The hardcopy system was invoked with the request "OPEN PRINTER FOR OUTPUT", but the OPEN failed.
Actn.	Contact your Natural administrator.

NAT1569: Duplicate index record on NATSPOOL file.

Text	Duplicate index record on NATSPOOL file.
Expl.	To close a queue on the NATSPOOL file, NATSPOOL updates the index record with "number of pages" and status "to be printed". This request failed because more than one index record with the same key was found.
Actn.	Re-run the Natural program which generates the print queue.

NAT1570: NATSPOOL: CSECT "NOMPUT" is missing.

Text	NATSPOOL: CSECT "NOMPUT" is missing.
Expl.	The CSECT "NOMPUT", which is used when routing reports from NAF to NOM is either missing in the link-edit stream or the name of the CSECT "NOMPUT" has been changed.
Actn.	Check for the presence of NOMPUT in the link-edit stream.

NAT1572: Logical printer profile :1: not found on spool file.

Text	Logical printer profile ... not found on spool file.
Expl.	When using RSO direct support for printing, NAF reads the corresponding LPF from the spool file. During CLOSE processing, this LPF could not be read, either because it did not exist or because an Adabas error occurred.
Actn.	Check why the LPF could not be read.

NAT1573: Logical printer profile :1: not found on spool file.

Text	Logical printer profile ... not found on spool file.
Expl.	(1) The logical printer referred to in the user"s Natural program, has not been associated with the user profile. (2) The Natural session was not started with a correct PRINTER parameter for NATSPOOL, i.e. PRINTER=(NATSPOOL,...). (3) The OUTPUT operand of a DEFINE PRINTER statement references a logical printer profile which does not exist on the spool file.
Actn.	(1) Define a logical printer profile for the user using the U function of the NATSPOOL operator command. (2) Define a correct PRINTER parameter for NATSPOOL.

NAT1574: NATSPOOL: No physical printer allocated to hardcopy.

Text	NATSPOOL: No physical printer allocated to hardcopy.
Expl.	A hardcopy was requested (%H), but no physical printer is allocated. When hardcopies are requested, an allocation between the logical printer DESTINATION: TERMID of the user"s terminal FORM: A and at least one physical printer must be defined. The allocated printer(s) must be added to the NATSPOOL file.
Actn.	Define an allocation between logical and physical printer, by using the hardcopy allocation function of SYSPOOL.

NAT1575: NATSPOOL: Invalid function code in hardcopy write.

Text	NATSPOOL: Invalid function code in hardcopy write.
Expl.	The hardcopy system was invoked with a request different from OPEN, PUT, or CLOSE.
Actn.	Contact your Natural administrator.

NAT1576: NATSPOOL: Hardcopy system not available.

Text	NATSPOOL: Hardcopy system not available.
Expl.	A hardcopy was requested (%H), but NATSPOOL did not provide support for hardcopy due to one of the following reasons: (1) Module NATSPOOL is not included in the link-edit of Natural. (2) During initialization of Natural, the GETMAIN for the hardcopy system has failed.
Actn.	(1) Include NATSPOOL in the link-edit of Natural. (2) Ensure that sufficient storage is available.

NAT1577: NATSPOOL: CSECT "NAFPARM" is missing.

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Text	NATSPOOL: CSECT "NAFPARM" is missing.
Expl.	This error may be caused by one of the following: - The Natural Advanced Facilities parameter module NAFPARMC/NAFPARMI is missing in the link-edit stream. - The CSECT instruction is missing in the source of the parameter module. - The name in the CSECT instruction has been changed; the name must be "NAFPARM".
Actn.	Check for the presence of the parameter module in the link-edit stream; check if the source of the parameter module is correct/complete.

NAT1578: No logical printer profile for hardcopy found.

Text	No logical printer profile for hardcopy found.
Expl.	When the user issues %H, NAF needs a logical printer profile (LPF). The name of this LPF is built from CMTERMID or USRID, depending on NAF customization. This LPF was not found during session initialization - probably it has been deleted from the spool file.
Actn.	Provide such an LPF or issue %Hxyz where xyz is the name of an existing LPF.

NAT1579: NATSPOOL: Logical printer :1: not available.

Text	NATSPOOL: Logical printer :1: not available.
Expl.	The logical printer number in the user"s Natural program referres to a logical printer profile that does not exist in the currently active user profile. If the session is protected by Natural Security, the usage of this printer might have been restricted by means of the SPOOL profile.
Actn.	Correct the printer number or contact your Natural Security administrator.

NAT1580: NATSPOOL: FSPOOL not V23 compatible (:1: error :2:)

Text	NATSPOOL: FSPOOL not V23 compatible (:1: error :2:)
Expl.	A database error (Adabas/VSAM) occured when trying to access FSPOOL. The error number is specified in the error message. Probably, FSPOOL does not have the layout (FDT) required by NAF23.
Actn.	Convert V22 FSPOOL to V23 FSPOOL using command CONVERT. This command has to be executed from the command line in SYSPOOL. (Older versions of FSPOOL have to be converted to V22 at first)

NAT1581: NATSPOOL: CSECT :1: is missing.

Text	NATSPOOL: CSECT :1: is missing.
Expl.	The CSECT specified in this error message is missing in the link-edit stream.
Actn.	If NAFIO is missing, check for the presence of module NAFAF. If NAFBS2FC is missing, check for the presence of module NAFSERVR.

NAT1582: NATSPOOL: Job number record not found during "close".

Text	NATSPOOL: Job number record not found during "close".
Expl.	When closing a report, NATSPOOL has to update the job number record. However, this record was not found.
Actn.	Contact Software AG support.

NAT1583: Unable to close report on spool file.

Text	Unable to close report on spool file.
Expl.	When closing a report, NATSPOOL has to update the job number record. If this record is in "hold" by another user, NATSPOOL retries 10 times. Thereafter, "close" processing is terminated with this error. This error condition may occur if there are reports on the spool file which are assigned the status NOT CLOSED. This report status indicates that an END OF TRANSACTION statement is missing in the respective application.
Actn.	Check the spool file for reports with status NOT CLOSED; then check why report status NOT CLOSED is assigned.

NAT1584: NATSPOOL: Unable to start printer.

Text	NATSPOOL: Unable to start printer.
Expl.	To start a printer, NATSPOOL has to update the printer status. If this record is in "hold" by another user, NATSPOOL retries 10 times; thereafter, processing is terminated with this error.
Actn.	Try to restart the printer. Increase ADARUN NH parameter to prevent Adabas response code 145.

NAT1585: NATSPOOL: Unable to set printer to status HUNG.

Text	NATSPOOL: Unable to set printer to status HUNG.
Expl.	When assigning status HUNG to a printer, NATSPOOL has to update the printer status. When this record is in "hold" by another user, NATSPOOL retries 10 times; thereafter, processing is terminated with this error.
Actn.	Check why the printer record is in "hold".

NAT1586: Physical printer :1: is not defined on spool file.

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Text	Physical printer ... is not defined on spool file.
Expl.	The terminal command "%Hdddddddd" was entered, but the output destination "ddddddd" has not been defined on the spool file.
Actn.	Define the physical printer "ddddddd" on the spool file.

NAT1588: NATSPOOL: NAFEXIT4 completed with errors.

Text	NATSPOOL: NAFEXIT4 completed with errors.
Expl.	The user written exit NAFEXIT4 returns with error(s).
Actn.	Please check program.

NAT1589: NATSPOOL: NAFEXIT4 not found.

Text	NATSPOOL: NAFEXIT4 not found.
Expl.	The module NAFEXIT4 was not linked to the Natural nucleus.
Actn.	Please check you installation.

NAT1590: NATSPOOL: Getmain for RSO buffer failed.

Text	NATSPOOL: Getmain for RSO buffer failed.
Expl.	To support RSO directly, Natural Advanced Facilities needs a buffer with a size of approximately 3700 bytes. This buffer could not be allocated.
Actn.	Please check your installation.

NAT1591: NATSPOOL: WRLST macro failed using RSO support.

Text	NATSPOOL: WRLST macro failed using RSO support.
Expl.	Reports to be created using the RSO support of Natural Advanced Facilities are written to a BS2000 *SYSLST dataset. Execution of the WRLST macro failed.
Actn.	Please switch on protocol and check for any errors.

NAT1592: NATSPOOL: PRNT macro failed using RSO support.

Text	NATSPOOL: PRNT macro failed using RSO support.
Expl.	Reports closed for printout are spooled to RSO using the PRNT macro. Execution of this macro failed.
Actn.	Please switch on protocol and check for any errors.

NAT1593: NATSPOOL: Invalid printer no. for RSO support (internal).

Text	NATSPOOL: Invalid printer no. for RSO support (internal).
Expl.	The internal printer number given to module NAFRSO was invalid.
Actn.	Please check assembly of NAFRSO and take dump.

NAT1594: NATSPOOL: Invalid func. code for RSO support (internal).

Text	NATSPOOL: Invalid func. code for RSO support (internal).
Expl.	The module to handle the RSO direct support was called using an incorrect internal function code.
Actn.	Please check assembly of NAFRSO and take dump.

NAT1595: NATSPOOL: No device name found for RSO support (internal)

Text	NATSPOOL: No device name found for RSO support (internal)
Expl.	The module to handle the RSO direct support was called without setting a device name.
Actn.	Please check assembly of NAFRSO and take dump.

NAT1596: NATSPOOL: Allocate SYSLST failed for RSO support.

Text	NATSPOOL: Allocate SYSLST failed for RSO support.
Expl.	The allocation of the *SYSLST dataset failed.
Actn.	Please switch on protocl and check for any errors.

NAT1597: NATSPOOL: No End of Block found for RSO support (intern.)

Text	NATSPOOL: No End of Block found for RSO support (intern.)
Expl.	Data for the report to be spooled by RSO direct support do not contain valid End of Block or End of Report.
Actn.	Please check installation.

NAT1598: NATSPOOL: Release SYSLST failed for RSO support.

Text	NATSPOOL: Release SYSLST failed for RSO support.
Expl.	Resetting the *SYSLST allocation to the primary one has failed.
Actn.	Please switch on protocol and check for any errors.

NAT1599: Attempt to execute READ/WRITE WORK to non-existent file.

Text	Attempt to READ/WRITE WORK to non-existent file.
Expl.	The work file specified in the job control does not exist.
Actn.	Check allocation of work files.

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 Natural System Error Messages NAT1551-NAT1600

NAT1600: Invalid stack function requested.

Text	Invalid stack function requested.
Expl.	See Natural Programmer"s Guide for information on available stack functions.
Actn.	Correct error.

Natural System Error Messages NAT1601-NAT1650

NAT1601: Length of data to be stacked is zero or negative.

Text	Length of data to be stacked is zero or negative.
Expl.	The length of data to be stacked must be specified as non-zero and positive.
Actn.	Check program and correct error.

NAT1602: Stack destroyed, command was expected.

Text	Stack destroyed, command was expected.
Expl.	Natural tried to read a command from the top of the stack, but none was found.
Actn.	Check program and correct error.

NAT1603: Stack destroyed, data expected.

Text	Stack destroyed, data expected.
Expl.	Natural tried to read data from the top of the stack, but no information was available (can be produced by specifying: STACK=(EX pgm:)). Data must be specified for an INPUT statement. If default data are to be passed to INPUT fields, specify data for a non-existent INPUT field. The data will be ignored in delimiter mode.
Actn.	Check program and correct error.

NAT1604: Stack empty.

Text	Stack empty.
Expl.	Natural tried to read data from the stack, but the stack was empty. Either an internal error has occurred, or the stack was destroyed.
Actn.	Check program and correct error.

NAT1605: Stack data overflow.

Text	Stack data overflow.
Expl.	The amount of stack data does not fit into the stack area. You can stack a maximum of 999 elements.
Actn.	Check program and reduce the number or size of fields to be stacked.

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NAT1610: SET KEY error, function key bit not supplied.

Text	SET KEY error, function key bit not supplied.
Actn.	Check program and correct error.

NAT1611: SET KEY error, function key not available.

Text	SET KEY error, function key not available.
Expl.	The selected function key in a SET KEY statement is not defined to Natural.
Actn.	Check program and correct error.

NAT1612: Error in SET KEY statement.

Text	Error in SET KEY statement.
Expl.	A variable has been specified after "SET KEY", and the variable contains an invalid value. Valid values are: "PA1" to "PA3", "PF1" to "PF24", "CLR", and "ENTR". This error may also occur if the variable contains "ENTR" but a SET KEY statement option other than the NAMED clause is applied to the key.
Actn.	Correct error in program.

Natural System Error Messages NAT1651-NAT1700

NAT1681: NSF Server communication error response :1:.

Text	NSF Server communication error response :1:.
Expl.	Natural NSF - NSF server communication is not well working today
Actn.	Please contact your administrator.

NAT1682: NSF :1: System error, reason :2:.

Text	NSF :1: System error, reason :2:.
Expl.	A general problem may occurred.
Actn.	Please contact your administrator.

NAT1683: NSF Logon to library :1: is denied.

Text	NSF Logon to library :1: is denied.
Expl.	You have not the permission to logon to this library. Any violation will be protocolled.
Actn.	Please contact your administrator.

NAT1684: NSF Logon to library :1: failed. No access to steplib :2:.

Text	NSF Logon to library :1: failed. No access to steplib :2:.
Expl.	The logon is rejected due missing access rights to steplibs defined in the library profile.
Actn.	Please contact your administrator

NAT1685:

Actn.	Please contact your adminsitrator.

NAT1690: Your password is expired since :1: day(s).

NAT1691: Your password will expire in :1: day(s).

Text	Your password will expire in :1: day(s).
Expl.	If you want to change it, please do.
Actn.	Chnage your password

NAT1697: System file can only be accessed under Natural Security.

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Text	System file can only be accessed under Natural Security.
Expl.	You have attempted to access a development server file whose security has been activated in Natural Security. Access to such a file is only possible in a Natural environment protected by Natural Security. However, the Natural environment in which you have tried to access the development server file is a non-Security environment.
Actn.	Please contact your Security administrator.

NAT1698: You are not authorized to execute the specified function.

Text	You are not authorized to execute the specified function.
Expl.	You have no permission to use the specified function. Possible reasons are: - Predict Security settings do not allow you to use this function. - Natural Security requires that you (or your Natural Security user group) are linked to the library SYSDIC. This link does not exist.
Actn.	PLease contact your Security administrator.

NAT1699: Automatic logon failed due to invalid default library.

Text	Automatic logon failed due to invalid default library.
Expl.	Starting a Natural session with AUTO=ON requires a default library assigned to your user ID. The logon failed because the default library is not correctly assigned to your user profile.
Actn.	Please contact your Natural Security administrator.

NAT1700: This application is currently not available to you.

Text	This application is currently not available to your.
Expl.	In Natural Security, the availability of the application has been restricted to certain periods of time only; outside these times, the application cannot be used.
Actn.	Ask your Natural Security administrator at what times the application is available to you.

Natural System Error Messages NAT1701-NAT1750

NAT1701: Non-activity time limit exceeded; press ENTER.

Text	Non-activity time limit exceeded; press ENTER.
Expl.	For this application/user, a non-activity time limit is defined. The elapsed time between the last screen I/O and the current I/O exceeded the defined limit. Natural Security requires the user to log on again.
Actn.	Press ENTER; then log on again.

NAT1702: User is not authorized to use update statements.

Text	User is not authorized to use update statement.
Expl.	An UPDATE/STORE/DELETE statement was issued, but the user is not currently authorized to issue such update commands.
Actn.	Contact your Natural administrator.

NAT1703: Non-activity time limit exceeded; transaction backed out.

Text	Non-activity time limit exceeded; transaction backed out.
Expl.	For this application/user, a non-activity time limit is defined. The time elapsed between the start of transaction and the end of the current database call exceeded the defined limit. The available time window can be ascertained via the Natural system variable *TIME-OUT.
Actn.	Restart the transaction.

NAT1704: Invalid dialog source header.

Text	Invalid dialog source header.
Expl.	The first lines of the Natural source do not constitute a valid dialog header.
Actn.	Consult the documentation on the dialog format.

NAT1705: Unknown dialog source format :1:.

Text	Unknown dialog source format ....
Expl.	The format identifier ... in the Natural dialog source does not identify one of the known formats.
Actn.	Consult the documentation on the dialog format.

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NAT1706: Invalid value for attribute :1:.

Text	Invalid value for attribute ....
Expl.	The value that has been assigned to the attribute is not allowed in this context.
Actn.	Assign a valid attribute value.

NAT1707: Attribute :1: is invalid for element type :2:.

Text	Attribute ... is invalid for element type ....
Expl.	The attribute is not in the set of allowed attributes for this dialog element type.
Actn.	Choose an allowed attribute for this dialog element type.

NAT1708: Error occurred while scanning for :1:.

Text	Error occurred while scanning for ....
Expl.	The dialog source does not conform to the format expected by the dialog editor. The expected format is indicated in the error message.
Actn.	Correct the dialog source.

NAT1709: The name :1: is already in use.

Text	The name ... is already in use.
Expl.	An attempt was made to reuse a variable name which is already in use for some other dialog element or predefined constant.
Actn.	Use another name. The dialog editor usually suggests a unique replacement.

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 Natural System Error Messages NAT1751-NAT1800

Natural System Error Messages NAT1751-NAT1800

NAT1800: MCG module for given architecture is not present

Text	MCG module for given architecture is not present
Expl.	The CPU clause of the MCG options indicates an architecture for which no module is available.
Actn.	Link the required module to the Natural nucleus, or use a different value for the CPU= clause.

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Natural System Error Messages NAT1801-NAT1850

NAT1801: Memory shortage for STMT buffer - use bigger thread

Text	Memory shortage for STMT buffer - use bigger thread
Expl.	The thread or address space is not large enough for the intermediate buffers required by the Natural OPTIMIZER COMPILER.
Actn.	Use a bigger thread or region. If it proves impossible to compile online, it may be necessary to compile in batch, where more memory is available to the nucleus.

NAT1802: Block nesting error (compiler error)

Text	Block nesting error (compiler error)
Expl.	There are too many nested blocks in the program. NOC can only handle up to 128 nested blocks. A new block starts every time a FOR, REPEAT, READ, FIND, HISTOGRAM, READ WORK, DEFINE SUBROUTINE or AT statement is encountered and ends when the loop is closed or the block is terminated.
Actn.	Try to re-arrange the program so that the number of nested blocks is reduced.

NAT1803: Parameter error - unknown or misspelled option

Text	MCG parameter error - unknown or misspelled option
Expl.	A parameter of the OPTIONS MCG= statement has not been recognized. Currently the following options are supported: ON OFF IO MIX INDX OVFLW RANGE ZD NODBG LOOPS NOSGNTR ERRDUMP PGEN TRSTMT TRGPT TRMPT TRVDT NOSRCE TREXT CPU=/370 OPTLEV= TRACELEV= LPP= (But please consult the latest NOC doc, there may be more). Parameters are separated by commas, without spaces. e.g. OPTIONS MCG=PGEN,OPTLEV=2,TRACELEV=127
Actn.	Correct error in program.

NAT1804: Memory shortage for generated code - use bigger thread

Text	Memory shortage for generated code - use bigger thread
Expl.	The thread, region or address space is not large enough for the buffer containing the generated code.
Actn.	Use a bigger thread or region. It may be necessary to compile in batch where more memory is available, if the program is very large.

NAT1805: Assignment error (NOC error)

Text	Assignment error (NOC error)
Expl.	A MOVE or ASSIGN between incompatible or unknown data types has occurred.
Actn.	This is a compiler error, please call Software AG Development.

NAT1806: Not enough memory for trace data

Text	Memory shortage for trace record
Expl.	There is not enough memory for the trace data.
Actn.	Use a bigger thread or region, or reduce the amount of trace information by using OPTIONS MCG=+PGEN before the specific area to be traced and OPTIONS MCG=-PGEN after. Or use TREXT option with user exit.

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Natural System Error Messages NAT1951-NAT2000

NAT2000: Invalid option selection.

Text	Invalid option selection.
Actn.	Check program and correct error.

 Natural System Error Messages NAT2001-NAT2050

Natural System Error Messages NAT2001-NAT2050

NAT2006: Invalid - please enter "Y" or "N".

Text	Invalid - please enter "Y" or "N".
Actn.	Check program and correct error.

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Natural System Error Messages NAT2151-NAT2200

NAT2192: Value(s) missing.

Text	Value(s) missing.
Actn.	Check program and correct error.

Natural System Error Messages NAT2651-NAT2700

NAT2687: Source field for sub-/super-descriptor not in DDM.

Text	Source field for sub-/super-descriptor not in DDM.
Expl.	The field specified in the sub-/super-descriptor definition is not defined as field in the DDM. The sub-/super-descriptor is only allowed to refer fields defined in the DDM.
Actn.	Check source field names of the sub-/super-descriptor.

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Natural System Error Messages NAT2951-NAT3000

NAT2999: PROGRAM IS NOT DOCUMENTED IN PREDICT.

Text	Program is not documented in PREDICT.
Expl.	In case the XREF switch is set to FORCE the NATURAL program to be cataloged must be documented in PREDICT.
Actn.	Document the program in PREDICT.

NAT3000: A non-zero response code was received from the database.

Text	A non-zero response code was received from the database.
Expl.	The Natural error messages NAT3001 - NAT3999 deal with database response codes, i.e., an error message "NAT3nnn" indicates that the database has replied to a command with a response code "nnn". The error may be caused by one of the following: - An invalid request was made to the database. - A malfunction occurred in the database.
Actn.	Retain the number of the response code and contact your database administrator.

Natural System Error Messages NAT3001-NAT3050

NAT3001: ISN list not sorted. DB/FNR :1:/:2: Subcode :3:

Text	ISN list not sorted. DB/FNR :1:/:2: Subcode :3:
Expl.	An ISN list could not be sorted because of either an excessive number of resulting ISNs or a discrepancy between the number of ISNs returned and the actual number of records found (the latter is only possible only if "security by value" is being used). For the detailed reason see the subcode.
Actn.	Reduce number of ISNs in SORT.

NAT3002: Record not held. DBID :1:

Text	Record not held. DBID :1:
Expl.	ISNs could not be held because of insufficient space in the hold queue.
Actn.	Contact your database administrator.

NAT3003: End-of-file or end-of-list detected. DB/FNR :1:/:2:

Text	An end-of-file or end-of-list condition was detected.

NAT3004: Sort option has been disabled for expanded files.

Text	Sort option has been disabled for expanded files.
Expl.	Adabas does not allow to use a Sort option for expanded files. By default: S2 or S9 commands cannot be executed on expanded files.
Actn.	For more imformation, please refer to the Adabas documentation.

NAT3005: Synchronized checkpoint pending. DB/FNR :1:/:2:

Text	Synchronized checkpoint pending.
Expl.	Notification is given that a synchronized checkpoint is about to be taken.
Actn.	Issue a valid C2/C3 command.

NAT3006: The LREPL area is full. DB/FNR :1:/:2:

NAT3007: Sx command interrupted due to time limit. DB/FNR :1:/:2:

Text	Sx command interrupted because time limit was exceeded.
Expl.	An Sx command has been interrupted because the maximum amount of time permitted has been exceeded.
Actn.	Contact your database administrator.

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NAT3008: Command interrupted to prevent WORK overflow. DB/FNR :1:/:2:

Text	Command interrupted to prevent WORK overflow.
Expl.	The command was interrupted to prevent a WORK overflow because of a pending backout operation.
Actn.	The value specified for the LP parameter might have to be increased.

NAT3009: Last transaction backed out of database :1:. Subcode :2:

Text	Last transaction backed out of database :1:. Subcode :2:
Expl.	The last transaction has been backed out by Adabas because an Adabas time limit has been exceeded or because of a security violation. This error may also occur if an Adabas OP command is required (Adabas parameter OPENRQ=YES) but an Adabas command was issued without an OP command having been issued before. For the detailed reason see the subcode.
Actn.	Correct cause of time-out or security violation, and execute transaction again; or issue OP command correctly.

NAT3010: EXTBUF must not be 0 if buf. pool above 16MB or ADAPRM=ON

Text	EXTBUF must not be 0 if buf. pool above 16MB or ADAPRM=ON.
Expl.	The parameter EXTBUF may not be set to zero if the Natural buffer pool is placed above 16 MB, or if ADAPRM is set to ON.
Actn.	Increase EXTBUF or contact your Natural administrator.

NAT3017: Invalid file number. DB/FNR :1:/:2:. Subcode :3:

Text	Invalid file number. DB/FNR .../.... Subcode ...
Expl.	The file number was invalid. Possible causes are: - The file number was either 0 or greater than 255. - The file was not in the database. - The file was locked. - A required Adabas system file was not loaded. For the detailed reason see the subcode.
Actn.	Make sure that you use the correct file number.

NAT3018: Incorrect usage of file number. DB/FNR :1:/:2:

Text	Incorrect usage of file number.
Expl.	The file number was modified between successive L2/L5 calls.
Actn.	Check program and correct error.

NAT3019: Update not permitted for access-only file. DB/FNR :1:/:2:

Text	Update not permitted for access-only file.
Expl.	An attempt was made to update a file which was opened for access only.
Actn.	Check program and correct error.

NAT3020: Incorrect entry made for a CID value. DB/FNR :1:/:2:

Text	Incorrect entry made for a CID value. DB/FNR .../...
Expl.	One of the following incorrect entries was used for a CID value: - X"00000000" - X"40404040" - X"FFxxxxxx"
Actn.	Check program and correct error.

NAT3021: Invalid CID value detected. DB/FNR :1:/:2:. Subcode :3:.

Text	Invalid CID value detected. DB/FNR .../.... Subcode ....
Expl.	A time-out occurred because a command ID was not found. This program error can be caused by: - CMD ID being assigned to another Ln command (n = 1,...9); - CMD ID being assigned to another file; - CMD ID not found for an S8 command.
Actn.	Check program and correct error.

NAT3022: Invalid command. DB/FNR :1:/:2:. Subcode :3:

Text	Invalid command. DB/FNR .../.... Subcode ...
Expl.	The command entered was invalid: - invalid command code; - access-only user attempted to issue update command; - non-ET-logic user issued BT command; - CLU user issued ET command. For the detailed reason see the subcode.
Actn.	Check program and correct error.

NAT3023: Invalid starting ISN specified. DB/FNR :1:/:2:

Text	Invalid starting ISN specified. DB/FNR .../...
Expl.	The starting ISN specified for an L2/L5 command sequence was invalid: - the ISN is not assigned to a record in the file; - the ISN was larger than the MAXISN in effect for the file.
Actn.	Check program and correct error.

NAT3024: Invalid ISN in complex FIND SORTED. DB/FNR :1:/:2:

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Text	Invalid ISN in complex FIND SORTED. DB/FNR .../...
Expl.	This error may be caused by one of the following: - The ISN list in the ISN buffer was already sorted. - The ISN list in the ISN buffer contained an invalid ISN. - The "D" option was specified when trying to sort by ISN.
Actn.	Check program and correct error, or contact your database administrator.

NAT3025: ISN in ISN lower limit for S1/S4 not found. DB/FNR :1:/:2:

Text	ISN in ISN lower limit for S1/S4 command not found.
Expl.	The ISN specified in ISN Lower Limit for an S1/S4 (or S2/S9) command was not found.
Actn.	Check program and correct error.

NAT3026: Invalid ISN buffer length for S9 command. DB/FNR :1:/:2:

Text	Invalid ISN buffer length for S9 command.
Expl.	Either the number of ISNs to be sorted as provided in ISN Quantity was 0, or an incorrect SVC number was specified in the link routine.
Actn.	Check program and correct error.

NAT3027: Not enough work space for search/value buffers. DB/FNR :1:/:2:

Text	Not enough work space available for search/value buffers.
Expl.	There was not enough work space available to accomodate the combined sizes of the search and value buffers as indicated in the Search Buffer Length and Value Buffer Length fields.
Actn.	Check program and correct error.

NAT3028: Incorrect descriptor. DB/FNR :1:/:2:

Text	Incorrect descriptor. DB/FNR .../...
Expl.	Descriptor was invalid for an L3/L6 or S2/S9 command: - The field was not a descriptor. - The descriptor was changed between successive calls. - The descriptor is contained within a periodic group. - The ADDITIONS1 field contained a different descriptor than the descriptor contained in the search buffer.
Actn.	Check program and correct error.

NAT3029: Incorrect value repositioning attempted. DB/FNR :1:/:2:

Text	Incorrect value repositioning attempted in L3/L6 command.
Expl.	A value repositioning was attempted with an L3/L6 command (bytes 7-8 of the Additions 1 field contain spaces) and the Command Option 2 field did not contain the value "V". The command ID is released.
Actn.	Check program and correct error.

NAT3031: Record does not meet ADASTAR distrib. criteria. DB/FNR :1:/:2:

Text	The record does not meet ADASTAR distribution criteria.
Actn.	Correct error in program, or contact your database administrator.

NAT3032: Logical ID missing in ADASTAR NETTAB table DB/FNR :1:/:2:

Text	The ADASTAR NETTAB table does not contain the logical ID.
Actn.	Check program and correct error, or contact your database administrator.

NAT3033: ADASTAR passed the command to the physical node. DB/FNR :1:/:2:

Text	ADASTAR has passed the command to the physical node.
Actn.	No action required.

NAT3034: An invalid command option caused an Adabas error. DB/FNR :1:/:2:

NAT3035: RC-L command is not valid with this Adabas config. DB/FNR :1:/:2:

NAT3040: Syntax error detected in format buffer.DB/FNR :1:/:2:

Text	Syntax error detected in format buffer.DB/FNR .../...
Expl.	The syntax error may be one of the following: - The terminating period was missing. - The first position contains a period. - Length and/or format was specified with a range definition. - An invalid element was detected. - The L9 descriptor name in the search buffer did not agree with the name in the format buffer.
Actn.	Check program and correct error.

NAT3041: Error detected in format buffer. DB/FNR :1:/:2:

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Text	Error detected in format buffer.
Expl.	This error may be caused by one or more of the following: - A phonetic descriptor was specified. - A field was specified incorrectly. - An index for a periodic group or multiple-value field was specified incorrectly. - A periodic group was referenced incorrectly. - A count was specified for a field which is not a multiple-value field. - A multiple-value field was indexed incorrectly.
Actn.	Check program and correct error.

NAT3042: Internal format buffer too small. DB/FNR :1:/:2:

Text	Internal format buffer too small to generate format.
Expl.	The internal format buffer is too small to generate a format according to the user format buffer definition.
Actn.	Increase size of Adabas parameter LFP.

NAT3043: Descriptor in format + search buffers unequal. DB/FNR :1:/:2:

Text	HISTOGRAM: Descriptor in format + search buffers unequal.
Expl.	The descriptor specified in the format buffer did not agree with the descriptor specified in the search buffer.
Actn.	Check program and correct error.

NAT3044: The format buffer was invalid. DB/FNR :1:/:2:

Text	The format buffer was invalid.
Expl.	The format buffer was invalid for use with an update command (A1/A4) or an add command (N1/N2).
Actn.	Check program and correct error.

NAT3045: The format buffer requires more than 32 KB. DB/FNR :1:/:2:

Text	The format buffer requires more than 32 KB.
Actn.	Contact your database administrator.

NAT3046: Maximum value for Adabas NQCID exceeded. DB/FNR :1:/:2:

Text	Maximum value for Adabas NQCID parameter was exceeded.
Expl.	The maximum value for the Adabas parameter NQCID was exceeded.
Actn.	Contact your Adabas administrator.

NAT3047: Maximum value for Adabas parm NISNHQ exceeded. DB/FNR :1:/:2:

Text	Maximum value for Adabas parameter NISNHQ was exceeded.
Actn.	Contact your database administrator.

NAT3048: Duplicate active user IDs. DB :1:. Subcode :2:

Text	Duplicate active user IDs. DB :1:. Subcode :2:
Expl.	User ID _____ OP command already assigned to other user. This error message informs you that you are going to overwrite the already existing ET-data with the ET-data from the new activity. If this is intended, continue by pressing the ENTER key in a non-security environment. In a security environment, specify the password again and press ENTER. If the error occurs again, wait at least one minute before you repeat the action. For the detailed reason see the subcode.
Actn.	Determine which ET-data are to be used, then either continue or leave current activity.

NAT3049: Compressed record too long for internal buffer. DB/FNR :1:/:2:

Text	Compressed record too long for internal buffer.
Expl.	For Adabas Version 4, the compressed record must not exceed 3000 bytes. For Adabas Version 5, the compressed record must not exceed the block size of Data Storage.
Actn.	Contact your database administrator.

NAT3050: A syntax error in the record buffer was detected. DB :1:

Text	A syntax error in the record buffer was detected. DB :1:
Expl.	A syntax error in the record buffer was detected during processing of an OP command.
Actn.	Correct the record buffer by changing the OPRB parameter.

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Natural System Error Messages NAT3051-NAT3100

NAT3051: An error in the record buffer was detected. DB :1:

Text	An error in the record buffer was detected. DB :1:
Expl.	An error in the record buffer was detected during processing of an OP command.
Actn.	Correct the record buffer by changing the OPRB parameter.

NAT3052: Error processing record/value/search buffer. DB/FNR :1:/:2:

Text	Error processing record/value/search buffer. DB/FNR .../...
Expl.	An error occurred while processing the record buffer, value buffer, or search buffer: - The value of a P format field was not in packed decimal format. - The value of a U format field was not in unpacked decimal format. - A variable-length field was specified without a length parameter. - A record is stored, but a field defined as "NOT NULL" in the Adabas file is not in the format buffer.
Actn.	Check program and correct error.

NAT3053: Wrong record buffer size.DB/FNR :1:/:2:

Text	The record buffer is too small or differs from the one in the GFID.
Expl.	The record buffer is too small to contain all required Adabas values in compressed form; or the record buffer size does not correspond to the record buffer size of the global format ID (GFID) already established in Adabas.
Actn.	Check program and correct error; or first recatalog the local data area (LDA) that contains the view to which the GFID is assigned and then recatalog all programs which use this LDA.

NAT3054: Record buffer too long. DB/FNR :1:/:2:

Text	Record buffer too long.
Expl.	The record buffer for a C5 or ET command was too long. A maximum of 2000 bytes can be written to the checkpoint file.
Actn.	Check program and correct error, or contact your database administrator.

NAT3055: Attempted format/length conversion not possible.DB/FNR :1:/:2:

Text	Attempted format/length conversion not possible.
Expl.	Attempted format conversion was not possible due to incompatible data formats or other compatibility problems. During a read-type operation, a field defined with the SQL nul (NC) option contained a null value, but the format buffer held no "S" (significant null) indicator field. Additions 2 may contain the field name in the leftmost two bytes; the rightmost two bytes may contain the offset into the record buffer.
Actn.	Correct error in program, or contact your database administrator.

NAT3056: Descriptor value too long. DB/FNR :1:/:2:

Text	Descriptor value too long. DB/FNR .../...
Expl.	The descriptor value was too long: - greater than 126 for a descriptor; - greater than 253 for a superdescriptor.
Actn.	Check program and correct error.

NAT3057: Invalid descriptor specified in search buffer. DB/FNR :1:/:2:

Text	Invalid descriptor specified in search buffer.
Expl.	The descriptor specified in the search buffer of the L9 command was invalid.
Actn.	Check program and correct error.

NAT3058: The format could not be found. DB/FNR :1:/:2:

Text	The format could not be found.
Expl.	The format - as defined within format selection criteria - could not be found.
Actn.	Check program and correct error.

NAT3059: Format conversion of a subfield is not possible. DB/FNR :1:/:2:

Text	Format conversion of a subfield is not possible.
Actn.	Check program and correct error.

NAT3060: Syntax error in format or search buffer. DB/FNR :1:/:2: subc :3:

Text	Syntax error in format buffer or search buffer. DB/FNR :1:/:2: subc :3:
Expl.	For the detailed reason see the subcode.
Actn.	Check program and correct error.

NAT3061: An error was detected in the search buffer. DB/FNR :1:/:2:

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Text	An error was detected in the search buffer.
Expl.	The cause of error may be: - The order of elements was invalid. - The specified field was not a descriptor. - An index was missing or invalid. - Invalid connection of partial criteria. - Invalid use of a phonetic descriptor. - The length of a descriptor value was greater than 253. - An invalid file number. - An invalid range specification.
Actn.	Check program and correct error.

NAT3062: Search/value buffer length too short. DB/FNR :1:/:2:

Text	Search/value buffer length too short for search criteria.
Expl.	The length of the search buffer and/or value buffer, as specified in the search and value buffer length fields, was too short to accomodate the search criteria specified; or the first character in the search buffer was a "."; or the search buffer does not contain a ".".
Actn.	Check program and correct error.

NAT3063: CID value specified in search buffer not found. DB/FNR :1:/:2:

Text	CID value specified in the search buffer was not found.
Expl.	The CID value specified in the search buffer was not found.
Actn.	Check program and correct error.

NAT3064: Requested function cannot be performed. DB/FNR :1:/:2:

Text	Requested function cannot be performed.
Expl.	The requested function cannot be performed on Adabas system files.
Actn.	Refer to the ADAREP output report for a list of the system files.

NAT3065: Internal error. DB/FNR :1:/:2:

Text	Internal error.
Expl.	An internal error has occurred: the Adabas nucleus has detected an error in space calculation.
Actn.	Contact your database administrator.

NAT3066: Internal error: Space calculation error detected DB/FNR :1:/:2:

NAT3067: Internal error while executing an Sx command. DB/FNR :1:/:2:

Text	Internal error while executing an Adabas Sx command.
Expl.	An internal error has occurred while an Adabas Sx command was being executed.
Actn.	Retain all related information, and contact Software AG support.

NAT3068: Incompatible owner ID or non-descriptor search. DB/FNR :1:/:2:

Text	Incompatible owner ID or non-descriptor search set to off.
Expl.	One of the following has occurred: - An incompatible owner ID was detected during an update operation on a multiclient file. The owner ID may be blank or too long. - A non-descriptor field was used as a search criterion, and the non-descriptor search facility has been set off (the default for this facility is "on").
Actn.	Check the owner ID of any multiclient file"s update operation. Otherwise, remove non-descriptor searches from your application

NAT3070: Overflow in the table of sequential commands. DB/FNR :1:/:2:

Text	An overflow occurred in the table of sequential commands.
Expl.	The database administrator may increase the value used for the LQ parameter, and/or RC commands may be used to release elements.
Actn.	Contact your database administrator.

NAT3071: Overflow in the table of resulting ISN lists. DB/FNR :1:/:2:

Text	An overflow occurred in the table of resulting ISN lists.
Expl.	The database administrator may increase size of the value used for the LI parameter, and/or RC commands may be used to release elements.
Actn.	Contact your database administrator.

NAT3072: An overflow occurred in the user queue. DB/FNR :1:/:2:

Text	An overflow occurred in the user queue.
Expl.	The database administrator may increase the value used for the NU parameter.
Actn.	Contact your database administrator.

NAT3073: Overflow in WORK dataset for resulting ISN lists. DB/FNR :1:/:2:

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Text	Overflow in WORK dataset containing resulting ISN lists.
Expl.	An overflow occurred in the section of the WORK dataset in which resulting ISN lists are stored. The database administrator may increase the size of the WORK dataset, and/or the number of ISN lists saved during an Adabas session may be decreased.
Actn.	Contact your database administrator.

NAT3074: No space on WORK dataset for complex FIND commands.DB/FNR :1:/:2:

Text	No space on WORK dataset for complex FIND commands.
Expl.	No space was available on the WORK dataset for complex FIND commands. The database administrator may increase the size of the WORK dataset.
Actn.	Contact your database administrator.

NAT3075: No more ASSO/DATA extents available. DB/FNR :1:/:2:

Text	ASSO/DATA extent required, but no more extents possible.
Expl.	An additional associator or data storage space (extent) was required for a file, but the maximum number of 5 extents had already been allocated. This message is first issued when 25% of the last output is still available. Do not ignore this message; it indicates that the file will run out of available space. The database administrator may have to reallocate associator or data storage extents.
Actn.	Contact your database administrator.

NAT3076: An overflow occurred in an inverted list index. DB/FNR :1:/:2:

Text	An overflow occurred in an inverted list index.
Expl.	The maximum is six levels.
Actn.	Contact your database administrator.

NAT3077: Not enough space avail.for ASSO/DATA extent. DB/FNR :1:/:2:

Text	Not enough space available for required ASSO/DATA extent.
Expl.	A file needed a new associator or data storage extent, but there was not enough space available for such an extent.
Actn.	Contact your database administrator.

NAT3078: AC file cannot be increased. DB/FNR :1:/:2:

Text	AC file cannot be increased or contains over 16 MB ISNs.
Expl.	This error may be caused by one of the following: - The AC file cannot be increased; only one file extent is permitted. - The file contains more than 16 MB of ISNs.
Actn.	Contact your database administrator.

NAT3079: A hyperdescriptor exit was not specified in ADARUN.DB/FNR :1:/:2:

Text	A hyperdescriptor exit was not specified in ADARUN.
Expl.	ADARUN must be reissued with the parameter HEXnn. For information on the HEXnn parameter, please refer to the Adabas Operations documentation. For information on hyperdescriptor user exits ("hyperexits"), please refer to the Adabas DBA Reference documentation.
Actn.	Reissue ADARUN with the HEXnn parameter; or contact your database administrator.

NAT3080: No stored user data for RE command. :1:/:2:

NAT3081: File cluster table change prevented succ.backout.DB/FNR :1:/:2:

Text	Change to file cluster table prevented successful backout.
Expl.	A change made to the file cluster table prevented successful backout of a cluster during Adabas initialization following an abnormal termination.
Actn.	Check program and correct error, or contact your database administrator.

NAT3082: Attempt made to update locked cluster. DB/FNR :1:/:2:

Text	Attempt made to update locked cluster.
Expl.	An attempt was made to update a cluster which was locked.
Actn.	Check program and correct error, or contact your database administrator.

NAT3084: Too many values for a sub- or superdescriptor. DB/FNR :1:/:2:

Text	Too many values for a subdescriptor or superdescriptor.
Expl.	Too many values were present for a subdescriptor or a superdescriptor.
Actn.	Check program and correct error, or contact your database administrator.

NAT3085: Too many descriptor values for UPDATE/ADD RECORD. DB/FNR :1:/:2:

Text	Too many descriptor values for UPDATE/ADD RECORD command.
Expl.	Too many descriptor values were present for an UDPATE or ADD RECORD command.
Actn.	Check program and correct error, or contact your database administrator.

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NAT3086: Hyperdescriptor exit return error. DB/FNR :1:/:2:

Text	Hyperdescriptor exit return error. DB/FNR .../...
Expl.	A hyperdescriptor exit return error has occurred. Possible reasons: - An incorrect sign for a packed descriptor value was created. - A value with an incorrect length byte was returned.
Actn.	Contact your database administrator.

NAT3087: The Adabas buffer pool is locked. DB/FNR :1:/:2:

Text	The Adabas buffer pool is locked.
Expl.	The length of the Adabas buffer pool (LBP) has to be checked with the operator command DPARM; then the LBP has to be increased with ADARUN.
Actn.	Contact your database administrator to have the LBP increased; the retry the operation. If the error occurs again, contact Software AG support.

NAT3088: Insufficient core available. DB/FNR :1:/:2:. Subcode :3:

Text	Insufficient core available. DB/FNR :1:/:2:. Subcode :3:
Expl.	Sufficient core was not available, although only one user was active. The PARM values relating to core allocation should be verified by the database administrator. For the detailed reason see the subcode.
Actn.	Contact your database administrator.

NAT3089: UQE already used. DB/FNR :1:/:2:

Text	UQE already used; 2 commands for 1 user to be executed.
Expl.	The UQE was already in use, and an attempt was made to execute two commands and the same time for the same user.
Actn.	Contact your database administrator.

NAT3090: The ADASTAR NETTAB table exceeds 32 KB. DB/FNR :1:/:2:

Text	The ADASTAR NETTAB table exceeds 32 KB.
Actn.	Contact your database administrator.

NAT3091: No space avail. for increasing ADASTAR NETTABtable.DB/FNR :1:/:2:

Text	No space available for increasing ADASTAR NETTAB table.
Expl.	The space for increasing the ADASTAR NETTAB table is not available.
Actn.	Contact your database administrator.

NAT3095: An I/O error occurred in the WORK LP area. DB/FNR :1:/:2:

Text	An I/O error occurred in the WORK LP area.
Actn.	Contact your database administrator.

NAT3096: An error occurred during repair execution. DB/FNR :1:/:2:

Text	An error occurred during repair execution.
Actn.	Contact your database administrator.

NAT3097: An I/O error occurred during buffer flush. DB/FNR :1:/:2:

Text	An I/O error occurred during buffer flush.
Actn.	Contact your database administrator.

NAT3098: Value to be added already exists. DB/FNR :1:/:2:

Text	Value to be added to unique descriptor already exists.
Expl.	An attempt was made to add to a unique descriptor a value which already exists.
Actn.	Check program and correct error, or contact your database administrator.

NAT3099: An I/O error occurred. DB/FNR :1:/:2:

Text	An I/O error occurred.
Actn.	Contact your database administrator.

NAT3100: This command is not valid for Adabas STAR. DB/FNR :1:/:2:

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Natural System Error Messages NAT3101-NAT3150

NAT3101: Error in Adabas FASTPATH processing. DB/FNR :1:/:2:

Text	Error in Adabas FASTPATH processing.
Expl.	For explanation of this error, please refer to Adabas response code 101 in the Adabas Messages and Codes documentation.

NAT3102: Space calculation error. DB/FNR :1:/:2:

Text	Space calculation error.
Actn.	Retry the OPEN operation.

NAT3103: An ADA STAR call was sent to an isolated database. DB/FNR :1:/:2:

Text	An Adabas STAR call was sent to an isolated database.
Actn.	Stop the database and restart it with the ADARUN parameter ADASTAR=YES or ADASTAR=NO.

NAT3104: Program tried to call an ADA STAR replicated file. DB/FNR :1:/:2:

Text	Program tried to call an Adabas STAR replicated file.
Expl.	The program attempted to make a logical call to a physical file defined as an Adabas STAR replicated file.
Actn.	Use only the logical file number when issuing calls.

NAT3106: Record buffer specified too small. DB/FNR :1:/:2:

Text	Record buffer specified in user control block too small.
Expl.	The Prefetch record buffer, as specified in the user control block, is too small.
Actn.	Contact your database administrator.

NAT3107: GETMAIN error or not enough space for Prefetch. DB/FNR :1:/:2:

Text	GETMAIN error or not enough space when doing Prefetch.
Expl.	When performing Prefetch, either a GETMAIN error occurred or there was not enough space available. Prefetch is switched off.
Actn.	Contact your database administrator.

NAT3109: Command ID already active on another database. DB/FNR :1:/:2:

NAT3110: The Command ID pool is full.DB/FNR :1:/:2:

Text	The Command ID pool is full.
Actn.	Increase the size of either or both the ADARUN NQCID or NU parameters.

NAT3112: EXU status for ADA STAR replicate file not allowed.DB/FNR :1:/:2:

NAT3113: The specified ISN was invalid. DB/FNR :1:/:2:

Text	The specified ISN was invalid.
Expl.	This error may have one of the following reasons: - An HI command was issued with ISN less than MINISN. - An N2 command was issued with ISN either equal to 0 or greater than the MAXISN in effect for file. - An N2 command was issued and the specified ISN was assigned to another record in file. - AN A1/A4, L1/L4, E1/E4, or S1/S2/S4 (with FB) command was issued for a non-xistent ISN.
Actn.	Check program and correct error, or contact your database administrator.

NAT3114: E1 command not allowed or specified with ISN=0. DB/FNR :1:/:2:

Text	E1 command either not allowed or specified with ISN=0.
Expl.	Either a Refresh File function using the E1 command was issued and not allowed or else ISN=0 was specified for the E1 command.

NAT3144: The specified ISN was not in "hold" status. DB/FNR :1:/:2:

Text	The specified ISN was not in "hold" status.
Expl.	The ISN specified with an UPDATE command was not in "hold" status for the user.
Actn.	Check program and correct error, or contact your database administrator.

NAT3145: Record not available at the moment. DB/FNR :1:/:2:

Text	Record not available at the moment.
Expl.	1. An Adabas call attempted to read a record which was already in "hold" status for another user for subsequent updating. 2. There was a hold queue overflow.
Actn.	See RETRY statement in the Natural Reference documentation.

NAT3146: An invalid buffer length was detected. DB/FNR :1:/:2:

Text	An invalid buffer length was detected.
Expl.	An invalid buffer length was detected by the Adabas interface routine.
Actn.	Contact your database administrator.

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NAT3147: ISN invalid: negative or greater than maximum ISN. DB/FNR :1:/:2:

Text	ISN invalid: either negative or greater than maximum ISN.
Expl.	The ISN was invalid. The ISN transformation resulted either in a negative ISN or in an ISN which was greater than the maximum ISN permitted for the file.
Actn.	Contact your database administrator.

NAT3148: Database :1:,network ID :3: currently not active. Subc :2:

Text	Database :1:,network ID :3: currently not active. Subc :2:
Expl.	The database which Natural or a Natural program tried to access was not active or not accessible when the attempt was made. For detailed information see the subcode.
Actn.	Start the database or contact your database administrator.

NAT3149: Active "CLU" user attempted "OP" command. DB/FNR :1:/:2:

Text	Active "CLU" user attempted "OP" command.
Expl.	An active "CLU" user attempted to issue an "OP" command.
Actn.	Check program and correct error, or contact your database administrator.

Natural System Error Messages NAT3151-NAT3200

NAT3151: A command queue overflow occurred.DB/FNR :1:/:2:

Text	A command queue overflow occurred.
Expl.	The database administrator may increase the value for the NC parameter, and/or the command may be issued when a lower level of command activity is in effect.
Actn.	Contact your database administrator.

NAT3152: Internal user buffer too small. DB/FNR :1:/:2:

Text	Internal user buffer too small for user buffer areas.
Expl.	The internal user buffer was not large enough to contain the user buffer areas. The database administrator should increase the value of the LU parameter.
Actn.	Contact your database administrator.

NAT3153: Previous call still in process. DB/FNR :1:/:2:

Text	CALL Adabas issued but previous call still in process.
Expl.	A "CALL Adabas" was issued by a user while a previous call for the user was still being processed.
Actn.	Contact your database administrator.

NAT3154: Adabas Trigger queue overflows.

Text	Adabas Trigger queue overflows.
Expl.	A command was rejected because it resulted in an Adabas trigger being fired when the queue was full.
Actn.	Contact your database administrator.

NAT3155: Pre-command trigger fails. DB/FNR :1:/:2: Name :3:/:4:

Text	Adabas pre-command trigger procedure fails.
Expl.	A command resulted in a pre-command trigger being fired. The triggered procedure returned a non-zero return-code, so the command was not executed. The Name value represents the trigger procedure name, followed by the error code returned by the procedure.
Actn.	Contact your database administrator.

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NAT3156: Post-command trigger fails. DB/FNR :1:/:2: Name :3:/:4:

Text	Adabas post-command trigger procedure fails.
Expl.	A command resulted in a post-command trigger being fired. The triggered procedure returns a non-zero return-code, indicating an unsuccessful execution of the procedure. The Name value represents the trigger procedure name, followed by the error code returned by the procedure.
Actn.	Contact your database administrator.

NAT3157: Adabas trigger facility disabled.

Text	Adabas trigger facility disabled.
Expl.	A command resulted in either a pre- or post-command trigger being fired; however, Adabas triggers have been shut down with the option to reject all commands that result in a trigger being fired.
Actn.	Refer to "Adabas Nucleus Messages and Codes" for more information. Contact your database administrator.

NAT3159: Adabas link module :1: missing or invalid.

Text	Adabas link module :1: missing or invalid.
Expl.	The Adabas link module specified by profile parameter ADANAME cannot be loaded or is invalid. Either the load library is missing or invalid or the specified module either doesn"t exist or has been linked incorrectly.
Actn.	If the Adabas link module should be linked to Natural, then check the Natural link job. If it shall be dynamically loaded, check the module name and the load library.

NAT3160: Too many ASSO/DATA blocks active in buffer pool. DB/FNR :1:/:2:

Text	Too many ASSO/DATA blocks marked as active in buffer pool.
Expl.	Too many Associator and Data Storage blocks were marked as active in the Adabas buffer pool for a single command.
Actn.	Contact your database administrator.

NAT3161: Invalid RABN chain in header list. DB/FNR :1:/:2:

Text	Invalid RABN chain in header list of Adabas buffer pool.
Expl.	The RABN chain in the header list of the Adabas buffer pool was invalid.
Actn.	Contact your database administrator.

NAT3162: No space for Adabas buffer pool header blocks. DB/FNR :1:/:2:

Text	No additional space for Adabas buffer pool header blocks.
Expl.	No additional space was available for Adabas buffer pool header blocks.
Actn.	Contact your database administrator.

NAT3163: RABN was already in chain. DB/FNR :1:/:2:

Text	RABN to be linked into header chain was already in chain.
Expl.	The RABN to be linked into the RABN header chain was already in the chain.
Actn.	Contact your database administrator.

NAT3164: More than 30 work areas allocated for the command.DB/FNR :1:/:2:

Text	Too many work areas are allocated for the command.
Actn.	Contact your database administrator.

NAT3165: A descriptor name was invalid or non-existent. DB/FNR :1:/:2:

Text	A descriptor name was either invalid or non-existent.
Expl.	A descriptor name was either invalid or did not exist in the Descriptor Value Table.
Actn.	Check program and correct error, or contact your database administrator.

NAT3166: An error was detected in an inverted list index. DB/FNR :1:/:2:

Text	An error was detected in an inverted list index.
Expl.	The reason for this error may be damage in the associator.
Actn.	Contact your database administrator.

NAT3167: Field not in coupled file,or coupled list invalid. DB/FNR :1:/:2:

Text	Field is not in coupled file, or coupled list is invalid.
Expl.	The field in a coupled file does not exist, or the coupled list is invalid.
Actn.	Check program and correct error, or contact your database administrator.

NAT3168: Internal CID for coupling processing not found. DB/FNR :1:/:2:

Text	Internal CID required for coupling processing not found.
Expl.	An internal "CID" required during coupling processing was not found.
Actn.	Contact your database administrator.

NAT3170: Adabas RABN for the command could not be found. DB/FNR :1:/:2:

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Text	Adabas RABN required for the command could not be found.
Expl.	The Adabas RABN required for the command could not be found.
Actn.	Contact your database administrator.

NAT3171: The constant set used by Adabas not found. DB/FNR :1:/:2:

Text	The constant set used by Adabas could not be found.
Actn.	Contact your database administrator.

NAT3172: ISN less than MINISN or greater than MAXISN. DB/FNR :1:/:2:

Text	ISN either less than MINISN or greater than MAXISN.
Expl.	An ISN was either less than the MINISN setting or greater than the MAXISN setting in effect for the file.
Actn.	Check program and correct error, or contact your database administrator.

NAT3173: An invalid data storage RABN was detected.DB/FNR :1:/:2:

Text	An invalid data storage RABN was detected.
Actn.	Contact your database administrator.

NAT3174: Starting RABN for L2/L5 not in address converter. DB/FNR :1:/:2:

Text	Starting RABN for L2/L5 command not in address converter.
Expl.	The starting data storage RABN for an L2/L5 command was not contained in the address converter for the file.
Actn.	Check program and correct error, or contact your database administrator.

NAT3175: Inconsistency in L9 command processing.DB/FNR :1:/:2:

NAT3176: Error in call to ADA subroutine or inverted list.DB/FNR :1:/:2:

Text	Error in call to Adabas subroutine or in inverted list.
Expl.	An incorrect call to an Adabas subroutine or an inconsistency in an inverted list was detected.
Actn.	Check program and correct error, or contact your database administrator.

NAT3177: Record not found in indicated DATA storage block. DB/FNR :1:/:2:

Text	Record not found in indicated Data Storage block.
Expl.	A record could not be found in the Data Storage block which should have contained it as indicated by the Address Converter.
Actn.	Contact your database administrator.

NAT3178: FDT and internal format buffer inconsistent. DB/FNR :1:/:2:

Text	Inconsistency between FDT and internal format buffer.
Expl.	An inconsistency was detected between the Field Description Table (FDT) and the internal format buffer; or an internal occurred when updating a multiple-value field.
Actn.	Contact your database administrator.

NAT3179: AP generation error. DB/FNR :1:/:2:

NAT3181: Start of transaction not found on autobackout DB/FNR :1:/:2:

Text	Start of transaction not found when autobackout executed.
Expl.	The start of a transaction could not be found when an "autobackout" was executed.
Actn.	Check program and correct error, or contact your database administrator.

NAT3182: Necessary ET data were not found in WORK block. DB/FNR :1:/:2:

Text	Necessary ET data were not found in WORK block.
Expl.	The necessary ET data were not found in the appropriate WORK block.
Actn.	Correct error or contact your database administrator.

NAT3183: Internal number for database I/O operation invalid.DB/FNR :1:/:2:

Text	Internal number for database I/O operation was invalid.
Expl.	An internally assigned number for a for a database I/O operation was found to be invalid.
Actn.	Contact your database administrator.

NAT3184: A phonetic field name could not be found. DB/FNR :1:/:2:

Text	A phonetic field name could not be found.
Actn.	Check program and correct error, or contact your database administrator.

NAT3185: ADAM field not found in the compressed record. DB/FNR :1:/:2:

Text	ADAM field could not be found in the compressed record.
Actn.	Contact your database administrator.

NAT3197: Pool for unique descriptor values too small.DB/FNR :1:/:2:

Text	Pool for holding unique descriptor values is too small.
Actn.	Contact your database administrator.

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NAT3198: Descriptor value already exists. DB/FNR :1:/:2:

Text	Descriptor value for unique descriptor already exists.
Expl.	An attempt was made to duplicate a value for a unique descriptor.
Actn.	Check program and correct error, or contact your database administrator.

NAT3199: Inconsistency in inverted list index. DB/FNR :1:/:2:

Text	Inconsistency in inverted list index.DB/FNR :1:/:2:
Expl.	During an UPDATE opertion, an inconsistency was detected in an inverted list index.
Actn.	Contact your database administrator.

NAT3200: Security violation or invalid cipher code detected.DB/FNR :1:/:2:

Text	A security violation or invalid cipher code was detected.
Actn.	Check program and correct error, or contact your database administrator.

Natural System Error Messages NAT3201-NAT3250

NAT3201: The specified password was not found.DB/FNR :1:/:2:

Text	The specified password was not found.
Actn.	Check program and correct error, or contact your database administrator.

NAT3202: Incorrect Adabas password for secured file. DB/FNR :1:/:2:

Text	Incorrect Adabas password for secured file. DB/FNR .../...
Expl.	The specified Adabas password does not allow you to access/update the desired Adabas secured file. Adabas backs out any open transaction.
Actn.	Check program and correct error, or contact your database administrator.

NAT3203: User not authorized to access secured file. DB/FNR :1:/:2:

Text	User not authorized to access secured file.
Expl.	The file to be accessed is protected by Adabas Security. To delete a record from that file, you must provide the correct Adabas password. Adabas backs out any open transaction.
Actn.	Check program and correct error, or contact your database administrator.

NAT3204: An overflow of the password pool has occurred.DB/FNR :1:/:2:

Text	An overflow of the password pool has occurred.
Actn.	Contact your database administrator.

NAT3207: Logon phase 1 completed for Adabas ESI interface. DB/FNR :1:/:2:

Text	Logon phase 1 completed for Adabas ESI interface.
Expl.	The Adabas ESI interface completed phase 1 of logon and requested phase 2.
Actn.	Send a phase-2 logon request to ADAESI.

NAT3208: Execute a phase 1 logon. DB/FNR :1:/:2:

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Text	Execute a phase 1 logon.
Expl.	As an ESI remote user, you should execute a phase 1 logon. The logon ID and your password will be sent to ADAESI.
Actn.	Platform does not have the correct Adabas link routine installed. Response code is intercepted by workstation Adabas link routine and phase 1 logon is performed.

NAT3209: Adabas External-Security-Interface detects an expired password.

Text	Adabas External-Security-Interface detects an expired password.
Expl.	Adabas ESI (External Security Interface) detects an expired password on the server.
Actn.	Refer to "Adabas Nucleus Messages and Codes" for more information. Contact your database administrator.

NAT3210: Internal error. DB/FNR/Networkid :1:/:2:/:3:

Text	Internal error. DB/FNR/Networkid :1:/:2:/:3:
Expl.	The logical ID is greater than 255.
Actn.	Contact your database administrator.

NAT3211: Internal error. DB/FNR/Networkid :1:/:2:/:3:

Text	Internal error. DB/FNR/Networkid :1:/:2:/:3:
Expl.	An invalid ID table index detected in the user buffer.
Actn.	Contact your database administrator.

NAT3212: Invalid in/out buffer for internal Adabas command.DB/FNR :1:/:2:

Text	Invalid input/output buffer for internal Adabas command.
Actn.	Contact your database administrator.

NAT3213: ID table not found. DB/FNR/Networkid :1:/:2:/:3:

Text	ID table not found. DB/FNR/Networkid :1:/:2:/:3:
Expl.	The Adabas installation procedure was not properly executed, especially the Adabas SVC.
Actn.	Inform your database administrator.

NAT3214: Internal command issued from ADA V4 ADALINK. DB/FNR :1:/:2:

Text	Internal command issued from Adabas Version 4 ADALINK.
Actn.	Contact your database administrator.

NAT3215: Adabas version inconsistency. DB/FNR :1:/:2:

Text	Adabas version inconsistency.
Expl.	SVC 04/16 call received from Adabas Version 4 ADALINK, with Adabas Version 5 user buffer or AMODE=31.
Actn.	Contact your database administrator.

NAT3216: Command rejected. DB/FNR :1:/:2: Network ID :3:

Text	Command rejected. DB/FNR :1:/:2: Network-id :3:
Expl.	The command has been rejected by the Adabas user exit.
Actn.	Contact your database administrator.

NAT3217: Command rejected. DB/FNR :1:/:2: Network ID :3:

Text	Command rejected. DB/FNR :1:/:2: Network ID :3:
Expl.	The command has been rejected by the Adabas user exit.
Actn.	Contact your database administrator.

NAT3218: Not enough memory to allocate user buffer. DB/FNR :1:/:2:

Text	Not enough memory to allocate user buffer.
Expl.	The program/utility has to be run again in a larger region/partition.
Actn.	Contact your database administrator.

NAT3220: Receiving/relay node cannot allocate buffer. DB/FNR :1:/:2:

Text	Receiving/relay node cannot allocate buffer. DB/FNR .../...
Expl.	The receiving/relay node was unable to allocate a buffer to read the command. If this response is recurrent, the size of the receiving/relay node"s attached buffer pool should be increased (see the execution parameter "NAB" in the NET-WORK CTCS documentation).
Actn.	Contact your database administrator.

NAT3221: Receiving node intercepted abend during SVC 4-call.DB/FNR :1:/:2:

Text	Receiving node intercepted abend during Adabas SVC 4-call.
Expl.	The receiving node intercepted an abnormal termination during the Adabas SVC 4-call for the command.
Actn.	Contact your database administrator.

NAT3222: No CQE could be allocated on a relay node.DB/FNR :1:/:2:

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Text	No CQE could be allocated on a relay node.
Expl.	No CQE could be allocated on a relay node (same as Natural error NAT3151 on a receiving node).
Actn.	Contact your database administrator.

NAT3223: CTCS response code: node loop.DB/FNR :1:/:2::

Text	CTCS response code: node loop
Actn.	Contact your database administrator.

NAT3224: Adabas command timed out by receiving/relay node. DB/FNR :1:/:2:

Text	Adabas command timed out by receiving/relay node.
Expl.	The Adabas command has been timed out by the receiving/relay node.
Actn.	Check program and correct error, or contact your database administrator.

NAT3229: Command queue element ignored, user already active.DB/FNR :1:/:2:

Text	Command queue element ignored - user already active.
Actn.	Try again later or cancel current user.

NAT3249: CTCS response code.DB/FNR :1:/:2:

Natural System Error Messages NAT3251-NAT3300

NAT3251: An ADASMP error occurred. DB/FNR :1:/:2:. Subcode :3:

Text	An ADASMP error occurred. DB/FNR :1:/:2:. Subcode :3:
Expl.	Either the ADASMP user table is full or corrupted or the ADASMP iser ID is invalid. For the detailed reason see the subcode.
Actn.	Please contact your Adabas system administrator.

NAT3252: Error in Adabas SVC processing. Subcode :3: DB/FNR :1:/:2:

Text	Error in Adabas SVC processing. Subcode :3: DB/FNR :1:/:2:
Expl.	A post error occured during Adabas SVC processing. For a detailed reason see the subcode.
Actn.	Contact your database administrator.

NAT3253: Error in Adabas SVC processing. DB/FNR/Networkid :1:/:2:/:3:

Text	Error in Adabas SVC processing. DB/FNR/Networkid :1:/:2:/:3:
Expl.	Invalid buffer length found during Adabas SVC processing.
Actn.	Contact your database administrator.

NAT3254: Command time-out or overflow. DB/FNR/Networkid :1:/:2:/:3:

Text	Command time-out or overflow. DB/FNR/Networkid .../.../...
Expl.	One of the following has occurred: - The time limit set by the Adabas parameter CT was exceeded. - A buffer overflow occurred while an attached buffer was being processed.
Actn.	Contact your database administrator.

NAT3255: Attached buffers exhausted. DB/FNR/Networkid :1:/:2:/:3:

Text	Attached buffers exhausted. DB/FNR/Networkid :1:/:2:/:3:
Expl.	All attached buffers were allocated at the time the command was processed.
Actn.	Contact your database administrator.

NAT3275: PROCEDURE name in CALLDBPROC statement must be alpha.

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Text	PROCEDURE name in CALLDBPROC statement must be alpha.
Expl.	The PROCEDURE name in the CALLDBPROC statement must have alphanumeric format. Specify either an alphanumeric constant or an alphanumeric variable.
Actn.	Correct the PROCEDURE name specification in the CALLDBPROC statement.

NAT3276: Result set and Sqlcode variables must have format (I4).

Text	Result set and Sqlcode variables must have format (I4).
Expl.	Result set and sqlcode variable must have format (I4).
Actn.	Correct the format definition of result et and sqlcode variables.

NAT3277: CALLMODE parameter has to be either Natural or NONE.

Text	CALLMODE parameter has to be either Natural or NONE.
Expl.	The CALLMODE parameter of the CALLDBPROC statement must either be NONE or Natural. If omitted, it is set to NONE.
Actn.	Correct the CALLMODE specification.

NAT3278: Invalid parameter specified in CALLDBPROC statement.

Text	Invalid parameter specified in CALLDBPROC statement.
Expl.	One of the parameters specified in the CALLDBPROC statement is invalid.
Actn.	Correct the parameter specification in the CALLDBPROC statement.

NAT3279: The CALLDBPROC statement is invalid.

Text	The CALLDBPROC statement is invalid.
Expl.	The CALLDBPROC statement contains an unexpected keyword.
Actn.	Correct the CALLDBPROC statement.

NAT3280: :1: occured in stored procedure :2:.

Text	:1: occured in stored procedure :2:.
Expl.	The natural error message :1: was issued during the processing of the SQL stored procedure :2:.
Actn.	Analyze the error and correct stored procedure.

NAT3281: Stored procedure :1: number of parameters differ :2:,:3:.

Text	Stored procedure :1: number of parameters differ :2:,:3:.
Expl.	The stored procedure control block contains a number of parameters different from the number of parameters passed to the stored procedure. This is an internal error, which "should not occurr". The first number is the expected number of parameters, the second number the received parameters.
Actn.	Contact Software Ag customer service center and provide LISTSQL of program.

NAT3282: Stored procedure :2: got an invalid parameter description

Text	Stored procedure :2: got an invalid parameter description
Expl.	The stored procedure :2: received, in its control block, an invalid parameter description. This is an NDB internal error.
Actn.	Contact Software Ag customer service center.

NAT3283: Stored procedure :1: getmain of DB2SIZE1 failed. rc :2:

Text	Stored procedure :1: getmain of DB2SIZE1 failed rc :2:.
Expl.	The getmain of the DB2SIZE1 buffer failed with return code :2. The DB2SIZE1 buffer is used to copy the passed data into the Natural storage area before the stored procedure is invoked. It also contains the Natural internal format description of the passed parameters.
Actn.	Either increase the Natural thread size or reduce the number of parameters passed to the stored procedure or decrease the amount of data passed to the stored procedure.

NAT3284: Stored procedure :1: misses DB2SIZE1 before return .

Text	Internal error, DB2SIZE1 missing for stored procedure :1:.
Expl.	The DB2SIZE1 buffer contains a copy of the parameters passed by the caller. When the stored procedure has modified the data, it copies them back to the DB2SIZE1 buffer and then returns them to the caller. Unfortunately, the buffer disappeared. This is an internal error.
Actn.	Contact Software Ag customer service center.

NAT3285: Stored procedure :1: freemain of DB2SIZE1 failed rc :2:.

Text	Stored procedure :1: freemain of DB2SIZE1 failed rc :2:.
Expl.	The freemain of the DB2SIZE1 buffer which hold the data passed to the stored procedure failed with return code :2:. This is an internal error.
Actn.	Contact Software Ag customer service center.

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NAT3286: Stored procedure :1: CB version mismatch :2: , :3:.

Text	Stored procedure :1: control block :2: mismatch :3:.
Expl.	The stored procedure detected an unexpected control identifier. It expected the identifier :2: but received :3: This indicates a version mismatch between NDB software on the client or caller side and the NDB software on the server side.
Actn.	Upgrade to matching software levels on both sides.

NAT3287: Set operators EXCEPT, INTERSECT not supported by NDB.

Text	Set operators EXCEPT, INTERSECT not supported by NDB.
Expl.	The set operators EXCEPT and INTERSECT are not supported by DB2 or SQL/DS. NDB therefore rejects the usage of these operators. Only the UNION set operator is supported by DB2 and SQL/DS and therefore by NDB.
Actn.	Remove the EXCEPT or INTERSECT operator from the SELECT statement.

 Natural System Error Messages NAT3301-NAT3350

Natural System Error Messages NAT3301-NAT3350

NAT3332: * NAT3332 - ERROR MESSAGE NOT AVAILABLE ***

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Natural System Error Messages NAT3351-NAT3400

NAT3400: No :1: database handler available.

Text	No ... database handler available.
Expl.	A specific database handler is assigned to handle the database. However, the database handler requested is not available. Possible reason are: - the database handler module isn"t linked to Natural - the session profile parameter for the buffer size of the database handler is zero - an error occurred during initialization of the database handler - the wrong database handler has been specified for the database, either by macro NTDB in the parameter module or by the DB parameter
Actn.	Depends on the reason of the error. If an initialization error had occurred, check the session initialization error messages.

Natural System Error Messages NAT3401-NAT3450

NAT3401: NAT object STOWed for :1: but executed under :2:.

Text	NAT object STOWed for .1. but executed under .2..
Expl.	The DBid used when stowing the Natural object is assigned to database type .1. but at runtime this DBid is assigned to database type .2.
Actn.	The DBid used at stow time and at runtime must be assigned to the same database type.

NAT3408: No SESAM handler available.

Text	No SESAM handler available.
Expl.	SESAM has been defined to be handled by a specific handler. However, the handler specified has not been link edited to the Natural system or is not available.
Actn.	Relink Natural or start correct SESAM database handler.

NAT3415: VPSIZE buffer is too small.

Text	VPSIZE buffer is too small.
Expl.	The VPSIZE buffer is used by the Natural Active View. This buffer is too small to process the current access to the View Program. This may be because: - the client"s view contains too many fields or too large fields, or - the search criterion in the WHERE clause is too complex.
Actn.	Either increase VPSIZE or reduce number/length of fields.

NAT3416: Communication error between Client and Active View.

Text	Communication error between Client and Active View.
Expl.	A general communication error occurred. The protocol between client and Active View wasn"t processed properly. The communication was cancelled.
Actn.	Try to establish communication again.

NAT3417: Internal planning error in Natural Active View (sc=:1:).

Text	Internal planning error in Natural Active View (sc=...).
Expl.	The planning phase which runs before each access to a View Program returned an error. This is an internal error which cannot be avoided by user action.
Actn.	Report error to Software AG.

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NAT3418: Internal runtime error in Natural Active View (sc=:1:).

Text	Internal runtime error in Natural Active View (sc=...).
Expl.	An error occurred during the processing of a View Program. This is an internal error that cannot be avoided by user action.
Actn.	Report this error to Software AG.

NAT3419: Error during data transfer with a PROCESS stmt. in block.

Text	Error during data transfer with a PROCESS statement in a block.
Expl.	Internal error during data transfer between Natural local data area and the database call.
Actn.	Report this error to Software AG.

NAT3420: Required View Program is not available.

Text	Required View Program is not available.
Expl.	The required View Program as specified in the DDM cannot be accessed for one of the following reasons: - the View Program does not exist; or - the library is wrong; or - the FUSER is wrong.
Actn.	Re-generate the DDM from the View Program using the utility described in the Natural Active View manual.

NAT3421: Undefined action specified in client program.

Text	Undefined action specified in client program.
Expl.	The action specified in the PROCESS statement in the client program has not been defined in the ACTIONS clause of the View Program.
Actn.	Check the action name in the client program, or define the action in the View Program.

NAT3422: Action type mismatch between client and View Program.

Text	Action type mismatch between client and View Program.
Expl.	The action type of the action in the PROCESS statement in the client program does not match the action type specified with this action in the ACTIONS clause of the View Program.
Actn.	Make sure that the type matches and restart the program.

NAT3423: Allocation of VPSIZE buffer failed.

Text	Allocation of VPSIZE buffer failed.
Expl.	The VPSIZE buffer used by Natural Active View could not be allocated. The buffer is allocated when Natural is started.
Actn.	Decrease the size of the other buffers.

NAT3424: Memory for planning exhausted.

Text	Memory for planning exhausted.
Expl.	The VPSIZE buffer did not provide enough memory to perform planning for the current Active View request.
Actn.	Increase VPSIZE or reduce the complexity of the request.

NAT3425: Mismatch between DDM and View Program.

Text	Mismatch between DDM and View Program.
Expl.	The data defined in the DEFINE VIEW/DEFINE SERVER statement of the View Program no longer matches the DDM generated from it. This may because: - an additional field has been inserted, or - a field has been deleted, or - the sequence of the fields has been changed, or - the format of a field has been changed.
Actn.	Re-generate the DDM from the View Program using the utility described in the Natural Active View manual.

NAT3426: Required field not present in client view.

Text	Required field not present in client view.
Expl.	A field included in the REQUIRES subclause of the ACTION clause in the View Program is not included in the client"s view which is used with the PROCESS statement in the client program.
Actn.	Add required field to the client view.

NAT3427: Error during data transfer between client and Active View

Text	Error during data transfer between client and Active View
Expl.	The data transfer between the Active View request structure and the data fields defined in DEFINE VIEW/DEFINE SERVER failed. This may result from a mismatch between the DDM used by the client and the interface definition of the View Program.
Actn.	Recatalog the View Program. Regenerate the DDM from the View Program with the utility described in the Natural Active View documentation and recatalog the client program.

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NAT3428: Communication error with DEST=NET.

Text	Communication error with DEST=NET.
Expl.	An error occurred in the communication between the client and the Active View when the destination was specified as NET. The session in which the View Program is running reached the NEXT line without being closed by the client.
Actn.	Contact Software AG.

NAT3429: Missing or illegal DDM.

Text	Missing or illegal DDM.
Expl.	The DDM used for the PROCESS request to an Active View is missing or invalid.
Actn.	Generate the DDM from the View Program using the utility described in the Natural Active View documentation.

NAT3431: Error in C heap management.

Text	Error in C heap management.
Expl.	The chain of memory blocks in heap storage is corrupt. This error may occur either during the planning of an Active View request or during a database access in the View Program.
Actn.	Contact Software AG. To circumvent the error, change the Active View request in the client program.

NAT3432: RUN command not allowed with View Programs.

Text	RUN command not allowed with View Programs.
Expl.	A View Program cannot be started by the RUN command, rather it must started implicitly by a PROCESS request from a client.
Actn.	Start View Program from a client.

NAT3433: Active View error: NAT:1: in :2:/:3:.

Text	Active View error: NAT:1: in :2:/:3:.
Expl.	An error occurred in a View Program while running in a dedicated session. This is the case with DEST=LOCAL or DEST=NET.
Actn.	Restart program.

NAT3434:

Text	Reserved for Natural Active View.

NAT3435: Search criterion too complex for Natural Active View.

Text	Search criterion too complex for Natural Active View.
Expl.	The search criterion associated with the PROCESS request in the client is too complex. This error is returned by the planning phase because of a memory overflow.
Actn.	Increase the size of the VPSIZE buffer, or (better) reduce the complexity of the search criterion.

NAT3436: Predefined action only allowed with action type "X".

Text	Predefined action only allowed with action type "X".
Expl.	If a predefined action (CREATE, REMOVE, GET, PUT) is used in a PROCESS statement to access an Active View, the associated type (TYPE=...) must be X (eXchange). Note that the default type is also X.
Actn.	Check and correct program.

NAT3437: Active View access with DEST=DEBUG.

Text	Active View access with DEST=DEBUG.
Expl.	This error indicates that the client program cannot be continued properly after a PROCESS request to an Active View. It occurs at runtime after a PROCESS request with action type A (Access) when destination DEBUG is specified and the given quantity is ALL or greater than one. Prior to this error, the Active View processed the whole loop without returning control to the client after each record. The body of the PROCESS loop in the client program can never be entered in this kind of process.

NAT3438: Error in sort handling.

Text	Error in sort handling.
Expl.	An error occurred in the explicit sort handling of an Active View. Explicit sorting is performed if the client requests a sort sequence via the ORDER BY clause and sorting cannot be performed by the underlying database. Possible reasons are: - sort module not linked, or - sort runs out of memory (too many or too large records).
Actn.	Link sort module or reduce number of records to be sorted.

NAT3439: Invalid destination.

Text	Invalid destination.
Expl.	An Active View accessed by a PROCESS statement with destination DEBUG cannot access other Active Views with destination LOCAL or NET.
Actn.	Define correct destination.

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NAT3440: Duplicate Create.

Text	Duplicate Create.
Expl.	This error occurs in Natural Active View if the Active View receives a PROCESS request with action CREATE after instantiation has already been performed via CREATE.
Actn.	Delete the second CREATE or REMOVE the old instance before creating a new one.

NAT3441: Reset of *ERROR-NR is not allowed.

Text	Reset of *ERROR-NR is not allowed.
Expl.	You cannot reset *ERROR-NR inside the ON ERROR block of a View Program.
Actn.	Remove the resetting of *ERROR-NR.

NAT3442: Invalid destination mix.

Text	Invalid destination mix.
Expl.	You must not mix the destinations LOCAL and NET in PROCESS requests referring to the same Active View.
Actn.	Check and correct program.

NAT3443: View field not supplied.

Text	View field not supplied.
Expl.	A view field used in the search criterion of a PROCESS request to an Active View is not supplied by a block in the View Program.
Actn.	Add field to View Program.

NAT3444: I* field not supplied by View Program.

Text	I* field not supplied by View Program.
Expl.	The client view on an Active View contains an integrity field (I* field) but the View Program does not supply this integrity field.
Actn.	Add integrity field to View Program.

NAT3445: Modify action without surrounding PROCESS loop.

Text	Modify action without surrounding PROCESS loop.
Expl.	A PROCESS request with action type M (Modify) requires a surrounding PROCESS loop with action type A (Access). If this is not the case, no reference is given for the update.
Actn.	Supply surrounding loop.

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 Natural System Error Messages NAT3401-NAT3450

NAT3446: Nested loop on the same view.

Text	Nested loop on the same view.
Expl.	You must not specify two nested PROCESS loops with both loops referring to the same view. This is because each view corresponds to one dedicated session and one session can only perform planning for one request at a time.
Actn.	Check and correct program.

NAT3450: SESAM Status :1: Sub-number :2: for command :3:

Text	SESAM Status ... Sub-number ... for command ...
Actn.	Please refer to SESAM documentation for information on SESAM status, sub-number and command received.

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Natural System Error Messages NAT3451-NAT3500

NAT3451: Natural for SESAM Field Description Table not found.

Text	Natural for SESAM Field Description Table not found.
Expl.	The Natural SESAM interface was not able to locate the required Field Description Table (FDT) for the provided database ID and file number. The reason is that the FDT has not been generated or assembled, or that the FDT is not in the correct FDT library, or that the FDT library specified in the Natural SESAM parameter module does not exist.
Actn.	Make sure that the required FDT has been generated, assembled, and located in the correct FDT library.

NAT3452: Error in Natural for SESAM Field Description Table.

Text	Error in Natural for SESAM Field Description Table.
Expl.	The Field Description Table (FDT) is not consistent with the corresponding SESAM database definition or the corresponding Natural view/DDM.
Actn.	Check FDT, database definition and view/DDM for consistency.

NAT3453: Error in conversion of field formats.

Text	Error in conversion of field formats.
Expl.	The Natural SESAM interface has attempted to convert the format of fields for a database access, but the formats in the DDM and in the database are not compatible.
Actn.	Change the format/length of the field in the DDM if possible.

NAT3454: It is not possible to convert one of the formats.

Text	It is not possible to convert one of the formats.
Expl.	The format of one of the DDM fields cannot be converted for a SESAM database access.
Actn.	Change the format of the field in the DDM if possible.

NAT3455: Internal Natural for SESAM error (table overflow).

Text	Internal Natural for SESAM error (table overflow).
Actn.	Terminate Natural session and try again; if error occurs again, contact Software AG support.

NAT3456: Internal Natural for SESAM error.

Text	Internal Natural for SESAM error.
Actn.	Terminate Natural session and try again; if error occurs again, contact Software AG support.

NAT3457: Not enough memory for Natural for SESAM.

Text	Not enough memory for Natural for SESAM.
Expl.	One reason for this error may be that the value specified for the DBSSIZE parameter either in the Natural parameter module or when invoking Natural is too small.
Actn.	Terminate Natural session and try again; if error occurs again, invoke Natural with a larger DBSSIZE or contact your Natural administrator.

NAT3458: I/O error when writing to trace file.

Text	I/O error when writing to trace file.
Actn.	Do not use the trace function.

NAT3459: Misplaced END TRANSACTION statement for SESAM access.

Text	Misplaced END TRANSACTION statement for SESAM access.
Expl.	Please refer to the SESAM-specific Natural documentation for further information.
Actn.	Correct error in program.

NAT3460: Subfield of SESAM long field incorrectly specified.

Text	Subfield of SESAM long field incorrectly specified.
Expl.	When the two subfields that make up a SESAM long field are referenced for the first time after a database access, they must be referenced in the correct sequence and one immediately after the other.
Actn.	Correct error in program.

NAT3461: Invalid use of RETAIN SET for SESAM database.

Text	Invalid use of RETAIN SET for SESAM database.
Expl.	Please refer to the SESAM-specific Natural documentation for further information on usage of RETAIN SET for SESAM databases.
Actn.	Correct error in program.

NAT3462: Invalid use of superdescriptor for SESAM database.

Text	Invalid use of superdescriptor for SESAM database.
Actn.	Check FDT. If necessary, contact Software AG support.

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NAT3463: Internal Natural for SESAM error when using AUTOPSW.

Text	Internal Natural for SESAM error when using AUTOPSW.
Expl.	Store clock command failed.
Actn.	Contact your system administrator.

NAT3464: Occurrences for multiple-value field must be contiguous.

Text	Occurrences for multiple-value field must be contiguous.
Expl.	When modifying a multiple-value field in a SESAM database, the range of occurrences must be contiguous.
Actn.	Correct error in program.

NAT3465: Natural for SESAM buffer(s) too small.

Text	Natural for SESAM buffer(s) too small.
Actn.	Increase the buffer sizes for the statement area, response area or inquiry area in the Natural SESAM parameter module.

NAT3466: Requested ISN does not exist in SESAM database.

Text	Requested ISN does not exist in SESAM database.
Expl.	This error is caused by one of the following: - You have used a READ BY ISN statement to access a SESAM database; however, READ BY ISN is not allowed for SESAM databases. - With a GET statement, you have specified an ISN which does not exist in the database. For a SESAM database, an existing ISN must be specified with the database.
Actn.	Do not use READ BY ISN for SESAM databases. Use only existent ISN in GET statement for SESAM database.

NAT3467: Initialisation of Natural for SESAM failed.

Text	Initialisation of Natural for SESAM failed.
Expl.	This message is output together with a more detailed message describing the reason why the initialisation failed.
Actn.	See explanation of detailed message.

NAT3468: Requested field not found in FDT.

Text	Requested field not found in FDT.
Expl.	In the DDM, fields are defined which are not defined in the corresponding FDT.
Actn.	Make sure that DDM and FDT match. If necessary, contact your Natural administrator.

NAT3469: Error in function of Natural for SESAM utility.

Text	Error in function of Natural for SESAM utility.
Expl.	This is an internal error which is caused by an incompatibility between the Natural SESAM interface and the Natural SESAM utilities.
Actn.	Make sure that the Natural SESAM interface and the Natural SESAM utilities are of the same version. If they are and this error occurs, contact Software AG support.

NAT3470: Invalid command ID for complex FIND or GET statement.

Text	Invalid command ID for complex FIND or GET statement.
Expl.	Internal error. Probably missing END TRANSACTION statement.
Actn.	Check documentation on Natural SESAM transaction logic. If necessary, set the profile parameter ET to "ON".

NAT3471: Record buffer too small for LF command.

Text	Record buffer too small for LF command.
Expl.	Internal error.
Actn.	Contact Software AG support.

NAT3472: Syntax error in format buffer.

Text	Syntax error in format buffer.
Expl.	Internal error.
Actn.	Contact Software AG support.

NAT3473: The DBID has not been specified for SESAM.

Text	The DBID has not been specified for SESAM.
Expl.	The NTDB entry with SESAM has not been specified for this DBID.
Actn.	Correct DBID, or enhance NTDB entry for SESAM.

NAT3500: FCT definition for :1: incomplete; :2: missing.

Text	FCT definition for :1: incomplete; :2: missing.
Expl.	Natural for VSAM requires information from the CICS file control table to generate a CICS command; however, this information is missing.
Actn.	Contact your CICS administrator.

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Natural System Error Messages NAT3501-NAT3550

NAT3501: Internal Natural VSAM error, module :1: .

Text	Internal Natural VSAM error, module :1: .
Expl.	An internal error condition has occurred.
Actn.	Contact Software AG support.

NAT3502: DDMCHECK=ON specified, but program :1: cataloged with NAT22.

Text	DDMCHECK=ON specified, but program :1: cataloged with NAT22.
Expl.	The option DDMCHECK=ON only works for programs cataloged with Natural Version 3.1.
Actn.	Specify DDMCHECK=OFF or catalog the program under Version 3.1.

NAT3503: Internal Natural :1: error.

Text	Internal Natural ... error.
Expl.	Record buffer too small.
Actn.	Contact Software AG support.

NAT3504: File :1:, ENABLESTATUS/RESP :2:, RESP2 :3:.

Text	File :1:, ENABLESTATUS/RESP :2:, RESP2 :3:.
Expl.	Request could not be satisfied due to ENABLESTATUS problem. If the parameters ENADIS/ENAUNE in the NVSPARM module are set to "OFF", the ENABLESTATUS is indicated in the error message. If the parameters ENADIS/ENAUNE are set to "ON", Natural VSAM has issued an EXEC CICS SET ENABLED command; this command failed, and CICS has returned response codes as indicated in the error message.
Actn.	Contact your CICS administrator.

NAT3505: Loop reposition error occurred during ROLL-IN processing.

Text	Loop reposition error occurred during ROLL-IN processing.
Expl.	For the native AIX processing, a current base key cannot be found for a loop repositioning. Either the alternate indexes were destroyed or the record for this base key was deleted or changed by another user.
Actn.	Contact your Natural administrator.

NAT3506: Statement invalid for Natural VSAM.

Text	Statement invalid for Natural VSAM.
Expl.	This statement is not allowed for this type of VSAM dataset (for example, READ PHYSICAL for a KSDS type).
Actn.	Correct error in program.

NAT3507: USR0100N error: :1:

Text	USR0100N error: :1:
Expl.	The program that invokes the user exit USR0100N contains an error.
Actn.	Correct error in invoking program.

NAT3508: Logical key length is too big.

Text	Logical key length is too big.
Expl.	The sum of the logical key and prefix lengths, defined in the corresponding DDM, is greater than the maximum VSAM key length.
Actn.	Correct error in DDM/program.

NAT3509: Complex search criteria not allowed for Natural VSAM.

Text	Complex search criteria not allowed for Natural VSAM.
Expl.	Connecting search criteria and coupling of files is not possible for VSAM files. See Natural Reference documentation, FIND statement, for valid search criteria.
Actn.	Correct error in program.

NAT3510: Invalid operator in FIND statement for Natural VSAM.

Text	Invalid operator in FIND statement for Natural VSAM.
Expl.	The FIND statement contains an invalid search criterion for VSAM files.
Actn.	Correct error in program.

NAT3511: Invalid search buffer.

Text	Invalid search buffer.
Expl.	Either the DDM was changed between cataloging and execution of the program, or the FIND statement contains a clause not applicable to VSAM.
Actn.	Contact your Natural adminstrator; or correct error in program.

NAT3512: File :1: is not defined as path.

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Text	File :1: is not defined as path.
Expl.	The NVSPARM parameter PATH=ON is specified for this session, but the file is not a path for an alternate index.
Actn.	Contact your SYSTEM administrator.

NAT3513: Not enough storage for Natural VSAM in table :1:.

Text	Not enough storage for Natural VSAM in table :1:.
Expl.	One of Natural for VSAM internal tables, defined as fixed buffer type, is too small. The eye-catcher of the internal table that is too small is indicated in the variable.
Actn.	Use Buffer Usage Statistics function of SYSDBA utility to ascertain which parameter must be adjusted in NVSPARM.

NAT3514: Record to be updated is not in "hold" status.

Text	Record to be updated is not in "hold" status.
Expl.	An UPDATE statement was issued for a record which was not in "hold" status. This may be caused, for example, by the UPDATE statement referring to a FIND FIRST statement which found nothing.
Actn.	Correct program or provide other search criteria.

NAT3515: UPD table is full.

Text	UPD table is full.
Expl.	A record has been read for update. Natural for VSAM tried to save the appropriate fields in its UPD table, but received a response indicating that the UPD table was not large enough to contain the fields.
Actn.	Contact your Natural administrator to increase UPDL size in NVSPARM; or change program to reduce the amount of data held per transaction.

NAT3516: File: :1: Cmd: :2: Cond: :3: Rc: :4:

Text	File: :1: Cmd: :2: Cond: :3: Rc: :4:
Expl.	Natural for VSAM received an unexpected response from CICS. File: Name of involved dataset taken from DDM. Cmd: Mnemonic of CICS command issued by Natural for VSAM. Cond: Mnemonic of CICS condition. Rc: VSAM return code and error code taken from EIB (if provided by CICS).
Actn.	See IBM"s CICS and VSAM documentation for further information.

NAT3517: Internal Natural :1: error.

Text	Internal Natural ... error.
Expl.	This internal error occurs when an S4/N1 command for VSAM/ISAM/LEASY files is intercepted by Natural for VSAM/ISAM/LEASY and the format buffer is empty.
Actn.	Contact Software AG support.

NAT3518: Error in format buffer for Natural VSAM.

Text	Error in format buffer for Natural VSAM.
Expl.	The DDM was changed between cataloging and executing the Natural program.
Actn.	Contact your Natural administrator.

NAT3519: Error in format buffer for INSERT, base key ommitted.

Text	Error in format buffer for INSERT, base key ommitted.
Expl.	The base key was not specified for a KSDS file in the STORE statement.
Actn.	Correct error in program.

NAT3520: Held VSAM record modified by another transaction.

Text	Held VSAM record modified by another transaction.
Expl.	The record held by a previous READ/FIND for UPDATE was modified by another transaction.
Actn.	Check your application"s handling of concurrency control problems; or issue the RETRY statement in an ON ERROR clause to ignore the error situation.

NAT3521: Direction changed for an active READ in variable sequence.

Text	Direction changed for an active READ in variable sequence.
Expl.	For an active READ loop, the ascending/descending direction was changed to descending/ascending sequence.
Actn.	Correct error in program.

NAT3522: DD/DLBL name for file :1: is not defined in the JCL stream.

Text	DD/DLBL name for file :1: is not defined in the JCL stream.
Expl.	The NVSPARM parameter PATH=CHECK is specified and the file is not defined in the system (no FCT entry for CICS, no UFILE entry for Com-plete or no JCL-card for any other environment).
Actn.	Contact your SYSTEM administrator.

NAT3523: Insertion of :1: "LA" record without "LB" field.

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Text	Insertion of ... "LA" record without "LB" field.
Expl.	Insertion of LA record into system file with LB field having been omitted (internal error).
Actn.	Contact your Natural administrator. If necessary, contact Software AG technical support.

NAT3524: Maximum VSAM record length exceeded at insertion/update.

Text	Maximum VSAM record length exceeded at insertion/update.
Expl.	Insertion/updating was requested for a record which is longer than the permitted maximum; or an attempt was made to increase the length of a "fixed length" record.
Actn.	Check record-length definition in VSAM cluster and in the DDM.

NAT3525: OPEN utility is active, specify OPSUPP=ON in NVSPARM.

Text	OPEN utility is active, specify OPSUPP=ON in NVSPARM.
Expl.	The user exit USR2008P is active, but the NVSPARM parameter OPSUPP=OFF is specified.
Actn.	Contact your Natural administrator.

NAT3526: Read on :1: "LB" subfile with other "DE" specified.

Text	Read on ... "LB" subfile with other "DE" specified.
Expl.	This is an internal Natural for VSAM, Natural for ISAM or Natural for LEASY error.
Actn.	Contact your Natural administrator. If necessary, contact Software AG technical support.

NAT3527: Internal Natural :1: error.

Text	Internal Natural ... error.
Expl.	Internal Natural for VSAM, Natural for ISAM or Natural for LEASY error.
Actn.	Contact Software AG support.

NAT3528: Specified :1: "DE" is not a secondary one.

Text	Specified ... "DE" is not a secondary one.
Actn.	Check program and correct error.

NAT3529: Field in HISTOGRAM must be a descriptor.

Text	Field in HISTOGRAM must be a descriptor.
Expl.	See Natural Reference documentation for valid HISTOGRAM syntax.
Actn.	Correct error in program.

NAT3530: UPD=OFF not allowed for Natural :1: :2:.

Text	UPD=OFF not allowed for Natural ... .
Expl.	Inconsistency between DDM and NVSPARM module. - Natural VSAM: If the parameter UPD=OFF is set in the NVSPARM module, logical files are not supported. - Natural ISAM: If the parameter UPD=OFF is set in the NVSPARM module, duplicate keys in ISAM files are not supported.
Actn.	Change DDM or NVSPARM module.

NAT3531: No entry found with given command ID for Natural :1:.

Text	No entry found with given command ID for Natural ....
Expl.	This is an internal Natural for VSAM, Natural for ISAM or Natural for LEASY error.
Actn.	Contact your Natural administrator.

NAT3532: File :1: not known to CICS.

Text	File :1: not known to CICS.
Expl.	CICS returned a DSIDERR condition upon Natural for VSAM"s INQUIRE command.
Actn.	Contact your CICS administrator.

NAT3533: File :1:, VSAM record deleted from another terminal.

Text	File :1:, VSAM record deleted from another terminal.
Expl.	While UPDATE waited for a response, another terminal or batch user deleted the record in question; or the alternate index is destroyed.
Actn.	Check your application logic or the file structure.

NAT3534: Duplicate VSAM record in file :1:.

Text	Duplicate VSAM record in file :1:.
Expl.	An attempt was made to write a duplicate record to a unique-key VSAM, ISAM or LEASY dataset.
Actn.	Correct error in program.

NAT3535: A Natural :1: end-of-file condition has occurred.

Text	A Natural ... end-of-file condition has occurred.
Actn.	Contact your Natural administrator.

NAT3536: :1: error, feedback code :2:, file :3:.

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Text	:1: error, feedback code :2:, file :3:.
Actn.	See IBM documentation for explanation of feedback code (RPLERRCD).

NAT3537: :1: failed, return/reason code :2:/:3:.

Text	:1: failed, return/reason code :2:/:3:.
Expl.	Natural for VSAM needed a temporary storage area outside VSIZE (for example, as I/O area); the appropriate GETMAIN or FREEMAIN request failed. The return code comes from NATGETM ,the reason code from the system.
Actn.	Increase available storage.

NAT3538: Response from CICS: INVREQ

Text	Response from CICS: INVREQ
Expl.	The statement is not allowed according to the dataset entry specification in the CICS File Control Table (FCT). If the Natural session runs with DU=ON, a NV63 abend with a transaction dump is forced in instead of NAT3538.
Actn.	Use CEDF to examine the cause of this problem, or start your session with DU=ON and analyse the trace table in the dump.

NAT3539: File :1: not :2:, :3:.

Text	File :1: not :2:, :3:.
Expl.	Open/close error. If available to Natural for VSAM, the original return code is indicated in the error message. For explanation of the return code, please refer to the corresponding IBM manual.
Actn.	Contact your Natural administrator.

NAT3540: No more space in VSAM file :1:.

Text	No more space in VSAM file :1:.
Expl.	The VSAM file must be reorganized.
Actn.	Contact your Natural administrator.

NAT3541: File :1:, control interval/record held by another user.

Text	File :1:, control interval/record held by another user.
Actn.	Check your application"s transaction logic or issue a RETRY in an ON ERROR clause to ignore the error condition.

NAT3542: File :1:, primary key must not be modified.

Text	File :1:, primary key must not be modified.
Expl.	You are not allowed to modify the primary key area.
Actn.	Correct error in program.

NAT3543: File :1: invalid record length or leng. defined as fixed.

Text	File :1: invalid record length or leng. defined as fixed.
Expl.	The length of a record exceeds the maximum record size or is shorter than the minimum record size.
Actn.	Check DDM and VSAM file definitions.

NAT3544: END OF TRANSACTION not successful.

Text	END OF TRANSACTION not successful.
Expl.	Under CICS, this error may be caused, for example, by a failure in the synchronization of remote systems.
Actn.	Under CICS, use CEDF to determine cause of this error.

NAT3545: BACKOUT TRANSACTION not successful.

Text	BACKOUT TRANSACTION not successful.
Actn.	Contact your Natural administrator.

NAT3546: File :1: opened for input, :2: not allowed.

Text	File :1: opened for input, :2: not allowed.
Actn.	Either set OPRB parameter to "O" (for output) for this database, or omit OPRB parameter. Check the NATPARM parameter NTDB for a READ option.

NAT3547: Overflow of FCT table.

Text	Overflow of FCT table.
Expl.	Natural for VSAM"s internal file control table is full.
Actn.	Increase parameter TAFE in NVSPARM module.

NAT3548: Now it is too late for BACKOUT TRANSACTION.

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Text	Now it is too late for BACKOUT TRANSACTION.
Expl.	The program contains a design error: it attempts to backout updates which have already been committed. The most likely reason is that a terminal I/O has forced the end of the logical transaction; that is, internally a SYNCPOINT command has already been executed by the TP monitor at the time when the BACKOUT TRANSACTION statement is executed. Nevertheless, Natural VSAM has executed a BACKOUT TRANSACTION. This means that the actual scope of the BACKOUT TRANSACTION is different from the expected one.
Actn.	Correct error in program.

NAT3549: Working storage for user exit :1: cannot be allocated.

Text	Working storage for user exit :1: cannot be allocated.
Expl.	Overflow on Natural internal buffer CFWSIZE.
Actn.	Contact Software AG support.

NAT3550: DDM :1: not found in the system file.

Text	DDM :1: not found in the system file.
Expl.	Natural for VSAM also uses the DDM at execution; however, at execution time the required DDM was not existent on the current FDIC system file.
Actn.	Contact your Natural administrator.

Natural System Error Messages NAT3551-NAT3600

NAT3551: DDM :1: is destroyed.

Text	DDM :1: is destroyed.
Expl.	The records on FDIC are corrupted.
Actn.	Contact your Natural administrator.

NAT3552: Duplicate file numbers for physical VSAM DDM not allowed.

Text	Duplicate file numbers for physical VSAM DDM not allowed.
Expl.	The file number for a physical DDM must be unique. Duplicate file numbers are only allowed in the case of user views where the file number must be the same for the user view and the related physical (logical) DDM.
Actn.	Correct the file number or, in the case of a user view, specify "USERVIEW=Y" in the DDM.

NAT3553: No physical VSAM file with the given file number exists.

Text	No physical VSAM file with the given file number exists.
Expl.	In constructing a logical file, during the CATALOG action you have to specify the file number of the related physical file.
Actn.	Ensure that the related physical file (DDM) exists.

NAT3554: VSAM file specified for user view does not exist.

Text	VSAM file specified for user view does not exist.
Expl.	The file number used during user view creation must represent an existing physical file.
Actn.	Use correct file number.

NAT3555: File :1:, no string available.

Text	File :1:, no string available.
Expl.	VSAM returned a "no string" condition upon access to the file.
Actn.	Either change program to maintain fewer current positions in the file, or change file definition / region size to define/allow more strings.

NAT3556: I/O to file :1: issued; exit :2: :3:.

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Text	I/O to file :1: issued; exit :2: :3:.
Expl.	An I/O to a VSAM file was issued. Before or after the I/O, the user-exit program received control and detected an error condition.
Actn.	Contact your Natural administrator.

NAT3557: GET statement issued for non-existent VSAM record.

Text	GET statement issued for non-existent VSAM record.
Actn.	Correct error in program.

NAT3558: Com-plete SYSPARM value VSAMRPL exceeded.

Text	Com-plete SYSPARM value VSAMRPL exceeded.
Actn.	Contact your SYSTEM administrator.

NAT3559: Version does not fit in Natural :1: link-edit.

Text	Version does not fit in Natural ... link-edit.
Expl.	The modules included in the Natural link-edit must be of the same version.
Actn.	Check Natural nucleus and/or NVSPARM module.

NAT3560: Corresponding system file TAF not linked.

Text	Corresponding system file TAF not linked.
Expl.	The load module containing the description of the system file being accessed (TAF) has not been linked to the Natural for VSAM interface.
Actn.	Correct link-edit for Natural for VSAM.

NAT3561: Internal error during system file handling,:1: not found.

Text	Internal error during system file handling,:1: not found.
Actn.	Contact Software AG support.

NAT3562: DD/DLBL name for system file not specified.

Text	DD/DLBL name for system file not specified.
Expl.	An internal Natural error occurred.
Actn.	Contact Software AG support.

NAT3563: DD/DLBL name for system file must not exceed 7 characters.

Text	DD/DLBL name for system file must not exceed 7 characters.
Actn.	Correct NATPARM parameter setting.

NAT3564: This type of system file is not supported.

Text	This type of system file is not supported.
Expl.	You have tried to access a type of system file that is not supported by Natural for VSAM.
Actn.	Contact your Natural administrator.

NAT3565: Active VSAM system file call, but SFILE=OFF specified.

Text	Active VSAM system file call, but SFILE=OFF specified.
Actn.	Change the SFILE setting.

NAT3566: This type of system file is not supported.

Text	This type of system file is not supported.
Expl.	You have tried to access a type of system file that is not supported by the Natural for VSAM interface.
Actn.	Contact your Natural administrator.

NAT3567: ILLOGIC condition when executing command to :1: dataset.

Text	ILLOGIC condition when executing command to ... dataset.
Expl.	An ILLOGIC condition has been detected during execution of a command to a VSAM, ISAM or LEASY dataset.
Actn.	Correct error in program.

NAT3568: Invalid Natural :1: request.

Text	Invalid Natural ... request.
Expl.	The attempted file operation is not supported or permitted according to the DATA SET entry specification in the FCT.
Actn.	Correct error in program.

NAT3569: :1: is active, module :2: is wrongly assembled.

Text	... is active, module ... is wrongly assembled.
Actn.	Correctly assemble module ... .

NAT3570: MULTI-PASS is active, update transaction is not allowed.

Text	MULTI-PASS is active, update transaction is not allowed.

NAT3571: Create mode for VSAM LSR-pools, error by :1:, :2: :3:.

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Text	Create mode for VSAM LSR-pools, error by :1:, :2: :3:.
Expl.	The response code is returned by the macro, or the logical file name.
Actn.	Consult the appropriate IBM literature for explanation or contact your administrator or support personnel.

NAT3572: DDM analyzer : level error for field :1:.

Text	DDM analyzer : level error for field :1:.
Actn.	Check DDM and correct error.

NAT3573: DDM analyzer: unsupported data type for field :1:.

Text	DDM analyzer: unsupported data type for field :1:.
Expl.	The corresponding DDM contains unsupported data types for Natural for VSAM (long-alpha, graphical, phonetic or hyper descriptor).
Actn.	Correct DDM.

NAT3574: VRRDS datasets support up CICS version 5.1.

Text	VRRDS datasets support up CICS version 5.1.
Actn.	Contact your SYSTEM administrator.

NAT3575: :1: record longer than maximum size defined in cluster.

Text	... record longer than maximum size defined in cluster.
Expl.	An attempt was made to write a record to a VSAM, ISAM or LEASY dataset, but the record is longer than the maximum size defined in the catalog.
Actn.	Check program, VSAM/ISAM/LEASY dataset and DDM.

NAT3576: Natural :1: key not found.

Text	Natural ... key not found.
Actn.	Contact your Natural administrator.

NAT3577: Logical :1: file must be of type KSDS.

Text	Logical ... file must be of type KSDS.
Expl.	A logical file being cataloged with the SYSDDM utility has the attribute "ESDS" or "RRDS", but only "KSDS" is allowed.
Actn.	Change file organization of VSAM DDM.

NAT3578: File number for related physical :1: file is missing.

Text	File number for related physical ... file is missing.
Expl.	Each logical file must refer to a physical VSAM file.
Actn.	Check file number.

NAT3579: Illegal OPRB string: :1:.

Text	Illegal OPRB string: :1:.
Expl.	See Natural Installation and Operations documentation .for valid strings for OPRB parameter.
Actn.	Invoke Natural again with valid OPRB string.

NAT3580: Error in VSAM DDM for SUB/SUP definition.

Text	Error in VSAM DDM for SUB/SUP definition.
Actn.	Check DDM and correct error.

NAT3581: Statement invalid for VSAM :1: dataset.

Text	Statement invalid for VSAM :1: dataset.
Expl.	An invalid request has been issued against a VSAM KSDS, ESDS, RRDS or VRDS dataset. See Natural Reference documentation for valid statements.
Actn.	Correct error in program.

NAT3582: Statement invalid for :1: ESDS dataset.

Text	Statement invalid for ... ESDS dataset.
Expl.	A statement was issued which is not valid for a VSAM ESDS dataset. See Natural Reference documentation for valid statements.
Actn.	Correct error in program.

NAT3583: Statement invalid for :1: RRDS dataset.

Text	Statement invalid for ... RRDS dataset.
Expl.	An invalid statement was issued against a VSAM RRDS dataset. See Natural Reference documentation for valid statements.
Actn.	Correct error in program.

NAT3584: File :1:, condition "NOTAUTH", RESP2 :2:.

Text	File :1:, condition "NOTAUTH", RESP2 :2:.
Expl.	CICS returned a "NOTAUTH" condition upon access to the file. RESP2 indicates the RESP2 value as taken from the EIB.
Actn.	Contact your Natural or CICS administrator.

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NAT3585: File :1:, RBA invalid.

Text	File :1:, RBA invalid.
Expl.	A READ BY ISN statement was executed with an invalid ISN (RBA).
Actn.	Correct error in program.

NAT3586: File :1:, invalid RRN for an RRDS/VRDS dataset.

Text	File :1:, invalid RRN for an RRDS/VRDS dataset.
Expl.	An attempt was made to access an RRDS/VRDS VSAM dataset with an invalid relative record number (RRN).
Actn.	Correct error in program.

NAT3587: Implicit VSAM GETMAIN failed.

Text	Implicit VSAM GETMAIN failed.
Expl.	VSAM returned a "GETMAIN failed" feedback code.
Actn.	Increase the size of the partition/region/task.

NAT3588: Use only K, E, R (file org); Y, N (compress); F, C (zone).

Text	Use only K, E, R (file org); Y, N (compress); F, C (zone).
Expl.	Allowed values are: K - KSDS E - ESDS R - RRDS Y, N - compress (yes, no) F, C - zoned with 0F or 0C
Actn.	Enter correct value.

NAT3589: Incompatible version of :1: system file.

Text	Incompatible version of ... system file.
Expl.	The system file is of an older version.
Actn.	Use the correct system file version.

NAT3590: Module :1: is missing in link-edit.

Text	Module :1: is missing in link-edit.
Expl.	A module is missing in the link-edit of the Natural nucleus.
Actn.	Include the module in the link-edit.

NAT3591: GETMAIN for :1: failed; return code :2:.

Text	GETMAIN for :1: failed; return code :2:.
Expl.	Natural for VSAM is not able to allocate its internal tables. return code = 4 : not enough storage return code > 4 : internal error
Actn.	If return code = 4, increase size of thread/region/partition/task; otherwise contact Software AG support.

NAT3592: :1: too small for :2:.

Text	:1: too small for :2:.
Expl.	A Natural for VSAM table is too large to fit into the VSIZE buffer.
Actn.	Either reduce size of table, or increase VSIZE.

NAT3593: Version does not fit in Natural VSAM link-edit.

Text	Version does not fit in Natural VSAM link-edit.
Expl.	The modules included in the Natural link-edit must be of the same version.
Actn.	Check Natural nucleus and/or NVSPARM module.

NAT3594: Create mode for VSAM LSR-pools, error by :1:, :2: :3:.

Text	Create mode for VSAM LSR-pools, error by :1:, :2: :3:.
Expl.	The response code is returned by the macro.
Actn.	Consult the appropiate IBM literature for explanation or contact your SYSTEM administrator.

NAT3595: Unsupported operating system or TP system version.

Text	Unsupported operating system or TP system version.
Expl.	Natural for VSAM only supports ESA operating systems and Com-plete Version 5.1 or above.
Actn.	Install an operating system and/or TP system supported by Natural for VSAM.

NAT3596: No DBID marked as VSAM in NTDB macro.

Text	No DBID marked as VSAM in NTDB macro.
Expl.	Natural for VSAM has been invoked, but in the NTDB macro no database has been reserved for VSAM.
Actn.	If you do not wish to invoke Natural for VSAM, invoke Natural with VSIZE=0; otherwise correct error in NTDB macro.

NAT3597: used as WTO message in NVSMISC.

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Text	used as WTO message in NVSMISC.
Expl.	The reason for this failure is explained for the macro BLDVRP.
Actn.	See IBM manual DFSMS/MVS Macro instructions for data sets.

NAT3598: Incompatible versions of Natural and Natural for VSAM.

Text	Incompatible versions of Natural and Natural for VSAM.
Expl.	Version 3.1 of Natural for VSAM can only be used with Natural Version 3.1.4 or above.
Actn.	Use a compatible Natural version.

NAT3599: Natural VSAM initialization failed.

Text	Natural VSAM initialization failed.
Expl.	The reason for this failure is explained by the more detailed error message issued together with this error message.
Actn.	See explanation of detailed message.

NAT3600: Address of program starting asynchronous task is missing.

Text	Address of program starting asynchronous task is missing.
Expl.	A master file definition specified that an asynchronous task is to be started after an update to the master file has been committed by means of an Adabas ET command. The address of the program used to start such a task has not been specified correctly in the ETP 3GL interface initialization call.
Actn.	Specify the correct address of a program used to start an asynchronous task in the ETP 3GL interface initialization call.

Natural System Error Messages NAT3601-NAT3650

NAT3601: Updating the distribution key of a master file is not allowed.

Text	Updating the distribution key of a master file is prohibited.
Expl.	If a distribution key is defined for a master file, it may be contained in any view used to update the master file, but the distribution key field itself may not be updated.
Actn.	Use a sequence of DELETE and STORE statements instead of UPDATE in the application programs to update the distribution key field.

NAT3602: Using more than one log file in a transaction not allowed.

Text	Using more than one log file in a transaction not allowed.
Expl.	The "Verify transaction consistency during logging" field is set to "Y" (yes) and two or more master files that were updated in the same transaction have different log files assigned. Action: Either set the "Verify transaction consistency ..." field to "N" using the MODIFY SYSPROF function or modify your master file definitions so that all master files that are updated in a single transaction have the same log file assigned.

NAT3603: Concurrent updates to more than one database are not allowed.

Text	Concurrent updates to more than one database are not allowed.
Expl.	It is not allowed to update master files that are contained in different databases in the same transaction. Transaction consistency cannot be guaranteed for such operations.
Actn.	Change the application programs so that a transaction contains only updates to a single database.

NAT3604: Length of format buffer or record buffer exceeds allowed maximum.

Text	Length of format buffer or record buffer exceeds allowed maximum.
Expl.	Format and record buffer for an update call logged by ETP may not exceed a maximum value.
Actn.	Split your Natural views or the format and record buffers supplied by a 3GL program into smaller portions and issue multiple Adabas calls.

NAT3605: Administration file is not defined.

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Text	Administration file is not defined.
Expl.	To use ETP, an administration file has to be assigned to logical file number 200 for Natural applications. For 3GL applications, the administration file has to be specified as a parameter for an initialization call to the ETP 3GL interface. ACTION: For a Natural application, use the Natural LFILE parameter or the NTFILE macro to specify the ETP administration file.
Actn.	or the NTFILE macro to specify the ETP administration file. For a 3GL application, specify the administration file correctly in the ETP 3GL interface initialization call.

NAT3606: GETMAIN failed for ETPSIZE.

Text	GETMAIN failed for ETPSIZE.
Expl.	For an NTDB macro or for the Natural DB parameter, the ETP option is specified for at least one database. Entire Transaction Propagator (ETP) is not be able to run, because the required storage could not be obtained.
Actn.	Restart Natural in a larger environment: Increase your region size or increase the size of your Natural thread when running in a thread environment.

NAT3607: Error during start of asynchronous task after ET.

Text	Error during start of asynchronous task after ET.
Expl.	After an Adabas ET command, ETP tried to start an asynchronous task because the definition of a master file that was updated in the completed transaction requested so. The program that was executed ended with an error.
Actn.	Check the task name specified in the ETP system profile. Verify that a transaction with that name is in a library that is accessible from the current TP monitor session.

NAT3608: The ETP identification record is invalid or missing.

Text	The ETP identification record is invalid or missing.
Expl.	When invoked for the first time, the ETP maintenance utility writes an identification record into the administration file, which is never deleted by ETP. If the error occured during logging of transactions, the ETP identification record has been deleted, but other information in the administration file still exists. If the error occurred when you invoked the ETP maintenance utility, you attempted to access an ETP administration file with an old version of the ETP maintenance utility after it had been accessed with a newer version. ACTION: If the error occurred during logging of transactions, invoke the ETP maintenance utility and verify that all information contained in the administration file is still correct.
Actn.	information contained in the administration file is still correct. If the error occurred when you invoked the ETP maintenance utility, use only the newer version of the maintenance utility to access the administration file.

NAT3609: Invalid ISNQ value for S1 cmd on obtaining replicate ISN.

Text	Invalid ISNQ value for S1 cmd on obtaining replicate ISN.
Expl.	The file definition requested that the criterion used to replicate records is the distribution key defined for the replicate"s master file. The distribution key must be a unique descriptor. To replicate the record, the ISN of the record in the replicate file is retrieved. For N1 calls (STORE), no record with that key may be present. For A1/E1 (UPDATE/DELETE), exactly one record with that key must be present. As the record"s ISN was retrieved, ETP encountered an invalid ISNQ value, meaning that for an N1 a record with the key already existed or for an A1/E1 command either no or more than one record with that key exists in the replicate file. The reason for this error is usually that an application program modified the replicate file (which is not allowed) or Adabas utilities were used to modify the replicate file.
Actn.	utilities were used to modify the replicate file. Re-initialize the replicate file from the master file as described in the manual and, if necessary, correct your application programs.

NAT3610: Overflow for master file table.

Text	Overflow for master file table.
Expl.	The limit of 512 master files for a specific database is exceeded.
Actn.	Contact your Entire Transaction Propagator administrator.

NAT3611: Overflow for log file table.

Text	Overflow for log file table.
Expl.	The limit of 512 log files for a specific database is exceeded.
Actn.	Contact your Entire Transaction Propagator administrator.

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Natural System Error Messages NAT3651-NAT3700

NAT3691: Module :1: not found.

Text	Module ... not found.
Expl.	This error may be caused by one of the following: - The module as indicated in the error message is missing in the link-edit stream. - The CSECT instruction is missing in the source of the module. - The module name in the CSECT instruction has been changed.
Actn.	Make sure that the module is included in the link-edit stream; make sure that the source of the module is complete/correct.

NAT3692: Error :1: in GETMAIN for USER DB buffer.

Text	Error ... in GETMAIN for USER DB buffer.
Expl.	An error occurred when the USER DB interface attempted to acquire its buffer from the thread.
Actn.	Increase the size of the thread.

NAT3693: Error :1: in GETMAIN for USER DB interface subpool :2:.

Text	Error ... in GETMAIN for USER DB interface subpool ....
Expl.	An error occurred when the USER DB interface attempted to acquire from its buffer the subpool as indicated in the error message.
Actn.	Contact Software AG support.

NAT3694: No DBID marked as USER DB in NTDB macro.

Text	No DBID marked as USER DB in NTDB macro.
Expl.	Natural has been invoked, but in the NTDB macro no database has been reserved for the USER DB.
Actn.	Correct error in NTDB macro.

NAT3695: USER DB interface initialization failed.

Text	USER DB interface initialization failed.
Expl.	The reason for this failure is explained by the more detailed error message issued together with this error message.
Actn.	See explanation of detailed message.

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NAT3696: Statement not supported.

Text	Statement not supported.
Expl.	1. The Natural program contains a statement which is not supported. 2. The Natural nucleus issued a request to the USER DB interface to execute an invalid Adabas command.
Actn.	Check program and correct error. If necessary, contact Software AG support.

NAT3697: CID table size exceeded.

Text	CID table size exceeded.
Expl.	The USER DB interface attempted to store a new command ID in its COMMAND ID table. No empty entry was found in this table.
Actn.	Increase the size of the CID table by means of the LOOPNUM parameter in the parameter module UDBPARM.

NAT3698: USER DB has not been initialized.

Text	USER DB has not been initialized.
Expl.	USER DB service has been requested, but the USER DB has not been initialized.
Actn.	Install the USER DB correctly and then restart Natural session.

NAT3699: USER DB error :1: , :2: encountered.

Text	USER DB error ... , ... encountered.
Expl.	The USER DB interface was passed an error from the USER DB.
Actn.	Correct the error in the USER DB.

NAT3700: Error :1: with SQLSTATE :2: from call to :3:.

Text	Error ... with SQLSTATE ... from call to ...
Expl.	Each non zero SQLCODE is reported with this error message.
Actn.	Execute the program SQLERR to display the SQLCODE and the related tokens. See the relevant IBM literature for an explanation of the error condition.

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Natural System Error Messages NAT3701-NAT3750

NAT3701: Natural SQL interface error with reason code :1:.

Text	Natural SQL interface error with reason code ...
Expl.	Reason Codes: 3nnn - See corresponding Natural error message number. 100 - Invalid I/O request. 101 - UPDATE/DELETE statement too long for dynamic execution. 102 - GETMAIN failed: increase region size, or MEMRES (only Com-plete). 201 - Statement not supported. 202 - SELECT not found or cursor not opened.* 203 - Severe internal error.* 204 - Too many nested database loops: increase STATEMENT TABLE. 205 - SQLID could not be set. 206 - Database ID "250" is not a DB2 or SQL/DS database. * may be caused by END/BACKOUT TRANSACTION inside a database loop.
Actn.	database loop. Contact Software AG

NAT3702: Invalid packed field.

Text	Invalid packed field.
Expl.	Fields defined with packed format must be in the form "nn.m". "nn" represents the number of digits before the decimal point, and "m" represents the number of digits after the decimal point. The aggregate value of "nn" and "m" must not exceed 27, and the value of "m" must not exceed 7.
Actn.	Check program and correct error.

NAT3703: Field has been modified by another user.

Text	Field has been modified by another user.
Expl.	The UPDATE command to DB2 checks if the record contents is still identical to what the user had read before. Because of the automatic "COMMIT" issued by IMS or CICS pseudo-conversational mode at terminal I/O time, the "hold" status of the record is lost and the record is free to be modified by another user. Natural then cancels the current transaction with this error message.
Actn.	Retry this operation.

NAT3704: Update not possible after automatic COMMIT.

Text	Update not possible after automatic COMMIT.
Expl.	Natural tries to re-read a given DB2 record after a terminal I/O which has caused IMS or CICS in pseudo-conversational mode to issue an automatic COMMIT. This COMMIT loses the current record. The re-reading is only possible if the record can be identified via a unique index and the corresponding fields are all read into the data view.
Actn.	Update the record before the automatic COMMIT, or add a unique-index field to your data view.

NAT3705: File server error :1: with reason x":2:".

Text	File server error ... with reason x"...".
Expl.	The file server routine returned an error: 01 Global directory full. 14 Not enough space in dataset. 02 Local directory full. 15 Logical file not allocated. 03 Global directory inconsistent. 16 Logical file already open. 04 Dataset open error. 17 Logical file not open. 05 Dataset read error. 18 Logical file not closed. 06 Dataset write error. 19 Logical file open output on read. 07 ENQUEUE failed. 20 Logical file open output on write 08 DEQUEUE failed. 21 Invalid function code. 09 Time-out on global direct wait. 22 Invalid open mode. 10 DB2SIZE parameter too small. 23 Invalid re-read at top of file. 11 System GETMAIN failed. 24 Invalid read-back (top of file). 12 System FREEMAIN failed. 25 Recsize greater than 32K. 13 WAIT request failed. 26 User space exceeded.
Actn.	13 WAIT request failed. 26 User space exceeded. Restart Natural and retry the operation. If the problem persists, contact your Natural administrator.

NAT3706: Static program :1: cannot be loaded.

Text	Static program ... cannot be loaded.
Expl.	The static program referenced in the Natural SQL program cannot be loaded for one of the following reasons: - The static program is not contained in the load libraries currently defined to Natural. - There is not enough storage available for dynamic loading of a static program. - The limit for the number of dynamically loadable user programs was exceeded (parameter CDYNAM). - Under Com-plete, the program was neither defined as RESIDENTPAGE nor cataloged via ULIB. - Under Com-plete the thread into which the program is to be loaded is too small. - Under CICS a PPT entry for the program is missing.
Actn.	- Under CICS a PPT entry for the program is missing. Check for the above error situations, or (as a by-pass) recatalog the program to clear the reference to the static program.

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NAT3707: Loaded static program does not match Natural program.

Text	Loaded static program does not match Natural program.
Expl.	The static program referenced in the Natural program has been loaded; however, either the static program was not generated for this Natural program, or its time-stamp is different from that of the Natural program.
Actn.	Replace the static program in the load library with the correct version, or re-generate the static program.

NAT3708: Static program cannot handle current Natural statement.

Text	Static program cannot handle current Natural statement.
Expl.	The loaded static program has no reference to the current Natural statement.
Actn.	Replace the static program in the load library by the correct version, or re-generate the static program.

NAT3709: Not enough storage for static program.

Text	Not enough storage for static program.
Expl.	The static program needs an area of main memory in which to create the SQLDSECT. The area available, however, was not large enough. This can only happen if errors during the assembly of the static program have been ignored.
Actn.	Check the assembly of the static program for assembly errors concerning variables in the SQLDSECT.

NAT3710: CICS/DB2 attachment facility is not active.

Text	CICS/DB2 attachment facility is not active.
Expl.	Natural tried to access DB2 via the CICS/DB2 attachment facility, but this facility was not active.
Actn.	Ask your CICS administrator to start the CICS/DB2 attachment facility.

NAT3711: Now it is too late for BACKOUT TRANSACTION.

Text	Now it is too late for BACKOUT TRANSACTION.
Expl.	The program contains a design error: it attempts to backout updates which have already been committed. A terminal I/O has forced the end of the logical unit of work; nevertheless, the BACKOUT TRANSACTION has been issued. This means that the actual scope of the BACKOUT TRANSACTION is different from the expected one.
Actn.	Correct error in program.

NAT3712: Natural SQL interface not active.

Text	Natural SQL interface not active.
Expl.	The access to SQL is disabled for one of the following reasons: - The parameter DB2SIZE is set to 0. - During the initialization of Natural, the Natural SQL interface could not be initialized because of a (reported) error.
Actn.	Correct the error which occurred during the Natural initialization, or specify DB2SIZE > 0.

NAT3713: Function code for DB2SERV must be "D", "E" or "P".

Text	Function code for DB2SERV must be "D", "E" or "P".
Actn.	Specify valid function code.

NAT3714: Error in CAF connection process, reason x":1:".

Text	Error during CAF connection process, reason x"...".
Expl.	An error has occurred during the CAF (Call Attachment Facility) connection process, probably because no plan has been scheduled. Reason contains the hexadecimal reason code returned from the CAF interface.
Actn.	See the relevant IBM literature for an explanation of the reason code. If more information is required activate DSNTRACE.

NAT3715: Error in Com-plete to DB2 connection, reason x":1:".

Text	Error during Com-plete to DB2 connection process, reason x"..."
Expl.	An error occurred when Com-plete tried to connect the user to DB2. Reason codes (set by Com-plete): 04 - DB2 interface not defined to Com-plete. 08 - DB2 interface could not be initialized by Com-plete. 12 - No DB2 thread within Com-plete available.
Actn.	Contact your Com-plete administrator.

NAT3716: ISQL processor not installed.

Text	ISQL processor not installed.
Expl.	During the installation of the Natural SQL interface the module NDBCNUC was not included in the link-edit of the NDB nucleus.
Actn.	Contact your Natural administrator. Review the installation of the environment independent NDB nucleus.

NAT3717: Special SQL statement in error.

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Text	Special SQL statement in error.
Expl.	The special SQL statement used in the PROCESS SQL command is - syntactically wrong - not supported because of the use of literals
Actn.	Correct the SQL statement and use Natural variables instead of literals.

NAT3718: Special SQL statement found, not prepared.

Text	Special SQL statement found, not prepared.
Actn.	Contact Software AG

NAT3719: Statement table overflow.

Text	Statement table overflow.
Expl.	No free DECLARE STATEMENT in the NDBIOMO is available to execute the SQL statement in dynamic mode. This will only happen if all STATEMENTS are actually used by open data base loops.
Actn.	Contact your Natural administrator. Increase the 2nd parameter in the generation of the NDBIOMO.

NAT3720: Invalid SQL database system specified in macro NDBID.

Text	Invalid SQL database system specified in macro NDBID.
Expl.	The DBID specified in the macro NDBID does not exist. This error will also occur if you use DBSERV with function code "U" but you are not running SQL/DS.
Actn.	Contact your Natural administrator.

NAT3721: Buffer for ISQL processor could not be allocated.

Text	Buffer for the ISQL processor (DB2SIZE5) could not be allocated.
Expl.	The ISQL processor requires an buffer of 8K which is allocated in the Natural thread but the Natural thread is not large enough to hold this buffer.
Actn.	Contact your Natural administrator. Reduce Natural"s total area size allocations, or increase the Natural thread.

NAT3722: Too many nested database loops.

Text	Too many nested database loops.
Expl.	An overflow occurred in the internal table which maintains the open (=nested) database loops.
Actn.	Contact your Natural administrator. Increase the MAXLOOP parameter in the generation of the NDBPARM.

NAT3723: No more space available.

Text	No more space available.
Expl.	During the execution of an SQL statement working storage is GETMAINed outside the Natural thread but there is not enough space available.
Actn.	Contact your Natural administrator. Increase the region size, or MEMRES (only Com-plete).

NAT3724: Error in ET processing via TP driver, reason x":1:".

Text	Error during ET processing via TP driver, reason x"...".
Expl.	Under CICS and IMS the ET is processed via the corresponding TP driver but the ET failed. Under IMS, reason is the hexadecimal representation of the DL/I status code. Under CICS, reason is the hexadecimal representation of the EIBRCODE.
Actn.	Check the reason against the DL/I or CICS manual.

NAT3725: ET in message-driven IMS region could not be executed.

Text	ET in message-driven IMS region could not be executed.
Expl.	In a message-driven IMS region (MPP or message-oriented BMP) no Natural programmed ET is executed. Depending on the setting of the parameter ETIGN in the NDBPARM, the ET is abended with this error message, or ignored wihout any further notification.
Actn.	Check your program for obsolete ETs.

NAT3726: Error in BT processing via TP driver, reason x":1:".

Text	Error during BT processing via TP driver, reason x"...".
Expl.	Under CICS and IMS the BT is processed via the corresponding TP driver but the BT failed. Under IMS, reason is the hexadecimal representation of the DL/I status code. Under CICS, reason is the hexadecimal representation of the EIBRCODE.
Actn.	Check the reason against the DL/I or CICS manual.

NAT3727: Error in ET/BT processing via NDL, reason x":1:".

Text	Error during ET/BT processing via NDL, reason x"...".
Expl.	Under the DSNMTV01 environment the ET and BT calls are processed by the Natural to DL/I interface but the ET/BT failed. Reason contains the hexadecimal representation of the reported NDL error.
Actn.	Check reason.

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NAT3728: Invalid parameter for GET/SET GA.

Text	Invalid parameter for GET/SET GA.
Actn.	Contact Software AG.

NAT3729: SQL statement "COMMIT" not allowed.

Text	SQL statement "COMMIT" not allowed.
Expl.	The SQL statement "COMMIT" is not allowed with PROCESS SQL.
Actn.	Use the Natural statement COMMIT or END TRANSACTION.

NAT3730: SQL statement "ROLLBACK" not allowed.

Text	SQL statement "ROLLBACK" not allowed.
Expl.	The SQL statement "ROLLBACK" is not allowed with PROCESS SQL.
Actn.	Use the Natural statement ROLLBACK or BACKOUT TRANSACTION.

NAT3731: Not enough cursors defined in NDBIOMO.

Text	Not enough cursors defined in NDBIOMO.
Actn.	Contact Software AG.

NAT3732: No :1: IN NDBIOMO AVAILABLE.

Text	No :1: in NDBIOMO available.
Expl.	During runtime a Natural for DB2 user program requests one of the following features 1) "ALLOCATE CURSOR" (READ RESULT SET statement) 2) "CURSOR with RETURN" (SELECT WITH RETURN STATEMENT) 3) "CURSOR WITH HOLD" (SELECT WITH HOLD statement) but the appropriate DB2-environment parameter was not set correctly during NDBIOMO generation 1) DB2V5 2) DB2V5 3) DB2V23
Actn.	Generate the NDBIOMO with the first parameter set to DB2V5/DB2V23 or remove the failing statement from tHe Natural program if you do not have the right DB2 environment.

NAT3733: "CID" already in use.

Text	"CID" already in use.
Actn.	Contact Software AG.

NAT3734: Invalid data type for Natural variable in PROCESS SQL.

Text	Invalid data type for Natural variable used in PROCESS SQL.
Expl.	Some special SQL statements which cannot be executed in dynamic mode are executed by NDBIOMO in static mode. As all host variables are predefined in the NDBIOMO, the corresponding Natural variables must be of the same data type.
Actn.	Correct the data type of your Natural variable. The correct definition for the variable can be found in the DB2 manuals.

NAT3735: Invalid data length for Natural variable in PROCESS SQL.

Text	Invalid data length for Natural variable used in PROCESS SQL.
Expl.	Some special SQL statements which cannot be executed in dynamic mode are executed by NDBIOMO in static mode. As all host variables are predefined in the NDBIOMO, the length of the corresponding Natural variable must be - not longer for input variables (:U:) - not shorter for output variables (:G:)
Actn.	Correct the data length of your Natural variable The correct length for the variable can be found in the DB2 manual.

NAT3736: SQL statement in PROCESS SQL is not available in NDBIOMO.

Text	The SQL statement used in PROCESS SQL is not available in NDBIOMO
Expl.	During the generation of the NDBIOMO the first parameter was not set to DB23 but one of the special DB2 2.3 SQL statements should be executed.
Actn.	Generate the NDBIOMO with the first parameter set to DB23 or don"t use an DB2 2.3 statement in the PROCESS SQL.

NAT3737: NAT object STOWed under NDB :1: but executed under :2:.

Text	NAT object STOWed under NDB ... but executed under ....
Expl.	The Natural object was STOWed using the NDB version in .1. but executed in the older version .2.
Actn.	Re-STOW your Natural program using version .2. .

NAT3738: Natural interface :1: for SQL system :2: not installed.

Text	Natural interface ... for SQL system ... not installed.
Expl.	The Natural interface .1. for the requested SQL system .2. is not installed.
Actn.	Contact your Natural administrator.

NAT3739: SQLDISCONNECT not allowed while a transaction is open.

Text	SQLDISCONNECT not allowed while a transaction is open.
Expl.	SQLDISCONNECT cannot be executed while a transaction is open.
Actn.	Issue END TRANSACTION or BACKOUT TRANSACTION before executing SQLDISCONNECT.

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NAT3740: Refresh of :1: failed with SQLcode :2:

Text	Refresh of :1: failed with SQLCODE :2:
Expl.	The refresh of either CURRENT SERVER or CURRENT PACKAGESET or CURRENT SQLID failed with SQLCODE :2: during begin of DB2 Database transaction.
Actn.	Contact Customer Service.

NAT3741: Getmain for dynamic SQL string failed with code X":1:"

Text	Getmain for dynamic SQL string failed with code :1:
Expl.	Natural statement containing text variables failed due to getmain problems during dynamic creation of the SQL string.
Actn.	Increase DB2SIZE or Natural Threadsize or decrease size of SQL string containing text variables in program

NAT3742: Logic error during creation of dynamic SQL string

Text	Logic error during creation of dynamic SQL string
Expl.	During creation of the dynmaic SQL string built from text variables an internal logical problem occurred.
Actn.	Contact Customer Service

NAT3743: NDBPARM module could not be located.

Text	NDBPARM module could not be located.
Expl.	The runtime of Natural for DB2 failed to locate the NDBPARM module (ENTRY XCMSQLE) although the module could be located earlier during the Natural session.
Actn.	Contact Customer Service

NAT3749: NDB tools internal error.

Text	NDB tools internal error.
Actn.	Contact Software AG

NAT3750: Invalid statement.

 Natural System Error Messages NAT3701-NAT3750

Text	Invalid statement.
Expl.	1. The Natural program contains a statement which cannot be executed against a DL/I database, such as STORE ISN, GET ISN, etc. 2. The Natural nucleus issued a request to the Natural DL/I nucleus to execute an invalid Adabas command. Module name: NDPRRR00 Problem Determination: Item 1 (a snap of Adabas control block is provided, trace parameter = (CMD)).
Actn.	Check program and correct error. If necessary, contact Software AG support.

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Natural System Error Messages NAT3751-NAT3800

NAT3751: Not enough Natural DL/I storage.

Text	Not enough Natural DL/I storage.
Expl.	Natural DL/I could not get the requested entry in the TSA internal table, because the requested storage is too large (or zero). Module name: NDPRBTSA Problem Determination: Item 1 (trace parameter = (REQ,ROU)).
Actn.	Increase the related TSA parameter SEQNUM in the NDLPARM module. If this error occurs with requested storage = 0, contact Software AG support.

NAT3752: Natural DL/I work area overflow.

Text	Natural DL/I work area overflow.
Expl.	An overflow occurred in a work area acquired from the Natural DL/I common area. Module name: NDPSFBBS Problem Determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2, 10.
Actn.	Modify the related work area size parameter WORKLGH in NDMCPARM.

NAT3753: Natural DL/I work area overflow.

Text	Natural DL/I work area overflow.
Expl.	An overflow occurred in a work area acquired from the Natural DL/I common area. Module name: NDPSSBAN Problem determination: Items 1 (a snap of NDDSSLMN control is provided, trace parameter = (SER)), 2, 10.
Actn.	Modify the related work area size parameter WORKLGH in NDMCPARM.

NAT3754: Invalid secondary index specification.

Text	Invalid secondary index specification.
Expl.	When performing a STORE operation, a field value has been specified for a secondary index field on the current segment. A secondary index is built by DL/I on one or more DL/I fields; to change a secondary-index value, modify the values of these fields. Module name: NDPSFBBS Problem determination: Items 2, 4.
Actn.	Probably a user error; correct program.

NAT3755: Too many secondary indices have been specified.

Text	Too many secondary indices have been specified.
Expl.	You have attempted to specify more than 4 secondary indices. No more space is available for AIX pointers building the list of SSAs. Module name: NDPSSBAN Problem determination: Items 1 (a snap of the NDDSSLMN control block is is provided, trace parameter = (SER)), 2.
Actn.	Contact Software AG support.

NAT3756: Internal error.

Text	Internal error.
Expl.	Internal error. Module name: NDPSFBSA Problem determination: Item 1 (a snap of format buffer is provided, trace parameter = (SER)).
Actn.	Contact Software AG support.

NAT3757: Internal error.

Text	Internal error.
Expl.	Internal error. Module name: NDPSFBCS Problem determination: Items 2, 3, 4, 6.
Actn.	Contact Software AG support.

NAT3758: Field to be read cannot be accessed.

Text	Field to be read cannot be accessed.
Expl.	1. Program error: the program refers to a value of a field that is not an I/O field; i.e., the field does not belong to the accessed segment and is not the sequence field of an accessed segment ancestor in the hierarchical path used. 2. The DDM and the corresponding NDB do not match. Module name: NDPSFBKF Problem determination: Items 2, 3, 6, 8.
Actn.	1. Refer to the field correctly: the program may reference it with an OBTAIN, ASSIGN or MOVE statement. 2. Check the DDM against the NDB, field short names in particular.

NAT3759: Invalid descriptor name.

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Text	Invalid descriptor name.
Expl.	1. a) The Natural DL/I DBD and the Natural DDM do not match. b) An invalid descriptor name was referenced in a database access statement. c) Two descriptors were specified: one belonging to an ancestor of the current segment, the other to a descendent segment. 2. A descriptor name not previously defined to Natural DL/I was referenced in a database access statement. Module name: NDPSDESE Problem determination: Items 2, 3, 6.
Actn.	1. Check program and correct error. 2. Perform the GENERATE function on the appropriate segment of the Natural DL/I DBD.

NAT3760: Not enough Natural DL/I storage.

Text	Not enough Natural DL/I storage.
Expl.	Natural DL/I could not get the requested entry in the DFB internal table, because the requested storage is too large (or zero). Module name: NDPSFBSA Problem determination: Items 1 (trace parm = (CMD,REQ,SER)), 2, 10.
Actn.	Increase the related DFB parameters DFBNUM and/or DFFNUM in the NDLPARM module. If this error occurs with requested storage = 0, contact Software AG support.

NAT3761: Internal error.

Text	Internal error.
Expl.	Internal error. Module name: NDPRS100 Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	Contact Software AG support.

NAT3762: A clause used in a FIND statement is not allowed.

Text	A clause used in a FIND statement is not allowed.
Expl.	There is probably an error in your program: an unallowed clause was used in a FIND statement. Module name: NDPRS100 Problem determination: Item 2.
Actn.	Check program and correct error.

NAT3764: Internal error.

Text	Internal error.
Expl.	A boolean operation has been requested on SSAs related to different files. Module name: NDPRS800 Problem determination: Items 1 (trace parm = (CMD,REQ,SER)), 2.
Actn.	Contact Software AG support.

NAT3765: Internal error.

Text	Internal error.
Expl.	Internal error. Module name: NDPRS800 Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Contact Software AG support.

NAT3766: Internal error.

Text	Internal error.
Expl.	Internal error. Module name: NDPSFBSA Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 3, 6.
Actn.	Contact Software AG support.

NAT3767: Invalid descriptor field in BY DESCRIPTOR clause of READ.

Text	Invalid descriptor field in BY DESCRIPTOR clause of READ.
Expl.	In a BY DESCRIPTOR clause of a READ statement a descriptor field has been used which is neither the seqence field of the root segment nor a secondary-index field (i.e. XDFLD in the DBD). Module name: NDLSCGET Problem determination: Items 2, 6.
Actn.	Check the program against the NDB description.

NAT3768: PCB with requested DBD not found in NSB.

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Text	PCB with requested DBD not found in NSB.
Expl.	1) Natural for DL/I could not find a PCB (in the NSB) which provides access to the DBD containing the requested segment type. In particular, if the descriptor used in the FIND or READ statement is a secondary index field, a PCB with "PROCSEQ = index-name" is required. 2) Using the DBID/FNR in the DDM, an UDF block and its corresponding NDB were found. However, the DBD name of this NDB has not been specified in the active PSB. This may occur if the DDM was copied into the FDIC system file, but not the corresponding NDB. Module name: NDLSCGET Problem determination: Items 2, 5, 7, 12.
Actn.	1) Check the PSB used by Natural for DL/I. Build a new PCB with the required parameters. Execute the NATPSB procedure. 2) Check the DDM and the corresponding NDB.

NAT3769: Segment to be updated/deleted has not been selected.

Text	Segment to be updated/deleted has not been selected.
Expl.	An UPDATE or DELETE statement does not refer to a READ or FIND statement. An UPDATE or DELETE statement must refer to a segment that has previously been selected with a FIND or READ statement. Module names: NDLRA100, NDLRE100. Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Correct error in program.

NAT3770: UPDATE/DELETE issued after END/BACKOUT TRANSACTION.

Text	UPDATE/DELETE issued after END/BACKOUT TRANSACTION.
Expl.	Program error: an UPDATE or DELETE statement refers to a record that was read or selected prior to the last END TRANSACTION or BACKOUT TRANSACTION statement. UPDATE/DELETE statements must refer to a record previously selected or read by a FIND or READ statement. An END TRANSACTION or BACKOUT TRANSACTION statement issued after the FIND/READ releases the record; in this case, Natural cannot UPDATE/DELETE the record. Module names: NDPRA100, NDPRE100. Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Check program and correct error.

NAT3771: Internal error.

Text	Internal error.
Expl.	Internal error. Module name: NDPSSBAN Problem determination: Item 1 (trace parameter = (CMD,REQ,SER), a snap of search buffer is provided).
Actn.	a snap of search buffer is provided). Contact Software AG support.

NAT3772: Internal error.

Text	Internal error.
Expl.	Internal error. Module name: NDPSSBAN Problem determination: Item 1 (trace parameter = (CMD,REQ,SER), a snap of search buffer is provided).
Actn.	a snap of search buffer is provided). Contact Software AG support.

NAT3773: Incorrect segment search expression.

Text	Incorrect segment search expression.
Expl.	An invalid set of segment search expressions was specified, causing Natural DL/I to perform a logical operation on SSAs. The segments to which the SSAs are related do not pertain to the same path starting from the root down to the current segment. Module name: NDPSSBAN Problem determination: Items 2, 6.
Actn.	Check program and correct error.

NAT3774: Internal error.

Text	Internal error.
Expl.	Internal error. Module name: NDPSSBAN Problem determination: Item 1 (trace parameter = (CMD,REQ,SER), a snap of search buffer is provided).
Actn.	a snap of search buffer is provided). Contact Software AG support.

NAT3775: Internal error.

Text	Internal error.
Expl.	Internal error. Module name: NDPSSBAN Problem determination: Item 1 (trace parameter = (CMD,REQ,SER), a snap of search buffer is provided).
Actn.	a snap of search buffer is provided). Contact Software AG support.

NAT3776: Internal error.

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Text	Internal error.
Expl.	Internal error. Module name: NDPSSBAN Problem determination: Item 1 (trace parameter = (CMD,REQ,SER), a snap of search buffer is provided).
Actn.	a snap of search buffer is provided). Contact Software AG support.

NAT3777: COUPLED clause is not allowed when accessing DL/I files.

Text	COUPLED clause is not allowed when accessing DL/I files.
Expl.	The program contains a FIND statement with a COUPLED clause; however, this clause is not allowed when accessing DL/I files. Module name: NDPSSBAN Problem determination: Item 1 (trace parameter = (CMD,REQ,SER), a snap of search buffer is provided).
Actn.	a snap of search buffer is provided). Check program and correct error.

NAT3778: Field length inconsistency between DBD and DDM.

Text	Field length inconsistency between DBD and DDM.
Expl.	The length specified in the DDM for the I/O fields referenced by the program is not the same as the length defined in the Natural DL/I DBD description. Module names: NDPSFBMI, NDPSFBMU. Problem determination: Items 2, 3, 6, 8.
Actn.	Compare the DDM with the DBD description and make the field lengths consistent.

NAT3779: Internal error.

Text	Internal error.
Expl.	The calculated displacement of a field into the segment is greater than the segment length. Module names: NDPSFBMI, NDPSFBMU. Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	Contact Software AG support.

NAT3780: NDB not found on FDIC.

Text	NDB not found on FDIC.
Expl.	The Natural system file (FDIC) does not contain the description of the DBD being accessed. In a multiple FDIC environment, the NTDB macro for DL/I (or IMS) must reference different DBIDs for different FDIC environments. This is because the buffer pool does not keep track from which FDIC the UDF control block is loaded. The UDF control block key is built up of FNR and DBID assigned to the segment for which the UDF is defined. This error message is issued if the NDB (the name of which is stored in the UDF control block) cannot be found in the buffer pool or the current FDIC. Module name: NDLSDGET Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	Check (using utility NDLBLOCK) whether there is on FDIC an NDB whose name is the same as that of the DBD being accessed.

NAT3781: Internal error.

Text	Internal error.
Expl.	No further space available on SSAL for AIX pointers. Module name: NDPSFBBS Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2, 6.
Actn.	Contact Software AG support.

NAT3782: Internal error.

Text	Internal error.
Expl.	The Natural DL/I boolean-operations manager was given an invalid boolean operator. Module name: NDPSBOOL Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Contact Software AG support.

NAT3783: Invalid segment search expression ("AND" operator).

Text	Invalid segment search expression ("AND" operator).
Expl.	An invalid segment search expression was specified which caused Natural for DL/I to perform an "AND" operation on two SSAs on the same DL/I segment, with one SSA being of "OR" type. Module name: NDLSBOOL Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Check program and correct error.

NAT3784: Invalid segment search expression ("OR" operator).

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Text	Invalid segment search expression ("OR" operator).
Expl.	An invalid segment search expression was specified, which caused Natural DL/I to perform an "OR" operation on two SSA lists that differ from each other in more than one pair of SSAs specified on the same DL/I segment. Module name: NDPSBOOL Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Check program and correct error.

NAT3785: Invalid segment search expression ("BUT NOT" operator).

Text	Invalid segment search expression ("BUT NOT" operator).
Expl.	An invalid segment search expression was specified, which caused Natural DL/I to perform a "BUT NOT" operation on two SSA lists with the first operand of the logical operation being of "OR" type. Module name: NDPSBOOL Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Check program and correct error.

NAT3786: Invalid segment search expression.

Text	Invalid segment search expression.
Expl.	An invalid segment search expression was specified, causing Natural DL/I to perform a "BUT NOT" operation on two SSA lists with the second operand of the logical operation not being of type "SIMPLE". Module name: NDPSBOOL Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Check program and correct error.

NAT3787: Invalid segment search expression.

Text	Invalid segment search expression.
Expl.	1. An invalid set of segment search expressions was specified, causing Natural DL/I to perform a logical operation on SSAs. The segments to which the SSAs are related do not pertain to the same path starting from the root down to the current segment. 2. An invalid segment search expression was specified causing Natural DL/I to perform an "OR" operation on two SSA lists not having the same number of SSAs. Module name: NDPSBOOL Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Check program and correct error.

NAT3788: Not enough Natural DL/I storage.

Text	Not enough Natural DL/I storage.
Expl.	Natural DL/I could not get the requested entry in the PCBM internal table, because the requested storage is too large (or zero). Module name: NDPSPALL Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2, 10.
Actn.	Increase the related PCBM parameters PCBLEV and/or PCBNUM in the NDLPARM module. If this error occurs with requested storage = 0, contact Software AG support.

NAT3789: Active PSB contains too few PCBs for program execution.

Text	Active PSB contains too few PCBs for program execution.
Expl.	The active PSB does not contain enough PCBs for program execution. To use multiple PCBs for the same database, the PCBs must be consecutive. Module name: NDLSPALL Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2, 5.
Actn.	Increase the number of PCBs in the PSB, or modify the program. Make the PCBs for a particular database consecutive in the PSB.

NAT3790: Segment not defined in Natural DL/I PCB description.

Text	Segment not defined in Natural DL/I PCB description.
Expl.	The accessed segment is not defined in the Natural DL/I PCB description. Module name: NDPSCGET Problem determination: Item 7.
Actn.	Redefine the PCB. Execute the NATPSB procedure.

NAT3791: Internal error.

Text	Internal error.
Expl.	Internal error. Module name: NDPRRC00 Problem determination: Item 1 (trace parameter = (CMD,REQ,SER), a snap of Adabas control block is provided).
Actn.	a snap of Adabas control block is provided). Contact Software AG support.

NAT3792: TSA entry with given command ID not found.

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Text	TSA entry with given command ID not found.
Expl.	Internal error. Module name: NDPRL100 Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Contact Software AG support.

NAT3793: I/O statement not valid for access to DL/I files.

Text	I/O statement not valid for access to DL/I files.
Expl.	1. The program contains an I/O statement which cannot be used to access DL/I files (e.g., GET SAME, GET *ISN, READ BY ISN). 2. The NISN parameter in the Natural parameter module has been modified. NISN is reserved for internal use and must not be modified. Module name: NDPRL100 Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	1. Check program and correct error. 2. Ask your Natural administrator to make sure that NISN is set its original value as supplied by Software AG.

NAT3794: Internal error.

Text	Internal error.
Expl.	1. Error may be a Natural DL/I work area overflow when building SSA list. 2. Internal error. Module name: NDPSBSKF Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	1. Modify the Natural DL/I parameter WORKLGH in NDMCPARM. 2. Contact Software AG support.

NAT3795: Internal error.

Text	Internal error.
Expl.	No further space available on SSAL for AIX pointers. Module name: NDPSBOOL Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Contact Software AG support.

NAT3796: Internal error.

Text	Internal error.
Expl.	Internal error. Module name: NDPRS800 Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	Contact Software AG support.

NAT3797: Acquisition of entry in internal THC table failed.

Text	Acquisition of entry in internal THC table failed.
Expl.	Natural DL/I was unable to obtain the requested entry in the internal Table of Hold Commands (THC table). Module name: NDPSSAVE Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	Modify the related THC table parameter THCSIZE in NDMCPARM.

NAT3798: Natural for DL/I work area overflow.

Text	Natural for DL/I work area overflow.
Expl.	An overflow occurred on a work area acquired from the Natural for DL/I common area. Module name: NDLSSAVE Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	Modify the related work area size parameter WORKLGH in NDMCPARM.

NAT3799: Field values have been changed by another user.

Text	Field values have been changed by another user.
Expl.	The field values (stored under the same command ID) in the Table of Hold Commands do not match with those in the corresponding I/O area. The values of the accessed fields have been changed by another user after the READ (for update) and before the subsequent UPDATE. Module name: NDLSCHEC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	Retry the transaction.

NAT3800: Invalid segment search expression in FIND statement.

Text	Invalid segment search expression in FIND statement.
Expl.	Program error: in a segment search expression, two qualification statements refer to different segment types. Module name: NDPSSBAN Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Check program and correct error.

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Natural System Error Messages NAT3801-NAT3850

NAT3801: User-defined field not found in Natural DL/I UDF table.

Text	User-defined field not found in Natural DL/I UDF table.
Expl.	The DDM does not match the Natural DL/I description of UDFs (user-defined fields). The program references a field that is not contained in the UDF table. Module name: NDPSFBCS Problem determination: Items 2, 3, 8.
Actn.	Compare DDM with UDF description and make the two consistent with one another.

NAT3802: No user-defined field found in Natural DL/I UDF table.

Text	No user-defined field found in Natural DL/I UDF table.
Expl.	The DDM does not match the Natural DL/I description of UDFs (user-defined fields). The program references a field that is not contained in the UDF table. Module name: NDPSFBCS Problem determination: Items 2, 3, 8.
Actn.	Compare the DDM with the UDF description.

NAT3803: Invalid search criterion in FIND statement.

Text	Invalid search criterion in FIND statement.
Expl.	Program error: two segment search expressions are connected by an "OR" operator in a FIND statement, but only "AND" is valid. Module name: NDPSSBAN Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Check program and correct error.

NAT3804: Internal error.

Text	Internal error.
Expl.	Format buffer was omitted in an Adabas "N1" command. Module name: NDPSFBBS Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Contact Software AG support.

NAT3805: Number of DDM fields too large.

Text	Number of DDM fields too large.
Expl.	The number of DL/I fields and UDF fields in the segment is too large. The GENERATE DDM function cannot contain all the DDM fields in its own internal area. Module name: NDPRLF00 Problem determination: Items 6, 8.
Actn.	Contact Software AG support.

NAT3806: Not enough storage for a Natural DL/I internal area.

Text	Not enough storage available for a Natural DL/I internal area.
Expl.	Not enough storage available for Natural DL/I work area. Module name: NDPSRLIN Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	Increase partition region size.

NAT3807: Segment name not found in NDB.

Text	Segment name not found in NDB.
Expl.	The NDB containing the segment name was modified after the program had been cataloged. Module name: NDLSDGET Problem determination: Items 3, 6.
Actn.	Check program and correct error.

NAT3808: DBID/file number not assigned to accessed segment.

Text	DBID/file number not assigned to accessed segment.
Expl.	1. The DBID/file number is not yet assigned to the accessed segment. 2. The segment belongs to a LOGICAL DBD and the source segments in the PHYSICAL DBD do not have a DBID/file number. 3. The system file does not contain the UDF description. 4. The DBID has been defined as a DL/I DBID (see NTDB macro) but - physically - the database is not a DL/I database. 5. The DBID/file number assigned to the DDM is different to the DBID/file number assigned to the segment. Module name: NDLSDGET Problem determination: Items 3, 8.
Actn.	1. Assign DBID/file number to the segment. 2. Assign DBID/file number to the source segments. 3. Check (with NDLBLOCK) if segment description exists in system file.

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NAT3809: There is not enough shared storage available.

Text	There is not enough shared storage available.
Expl.	1. The maximum size of shared storage pool, as defined in the Natural DL/I initialization parameters, is too small. 2. There is not enough shared storage available for Natural DL/I internal blocks. Module name: NDPSDGET Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	1. Increase the maximum pool size. 2. Increase the size of the partition/region/roll buffer.

NAT3810: DL/I status code "GE" (segment not found).

Text	DL/I status code "GE" (segment not found).
Expl.	DL/I returns status code "GE", i.e. segment not found. Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3812: DL/I is not active.

Text	DL/I not active.
Expl.	CICS/VS returns a "DL/I not active" condition (DLINA). Module name: NDPSIOCX
Actn.	Contact your CICS system programmer.

NAT3813: A DL/I request was issued, but no PSB has been scheduled.

Text	A DL/I request was issued, but no PSB has been scheduled.
Expl.	CICS/VS has returned a FUNCNS condition. Module name: NDLSIOCX Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	Retry PSB schedule.

NAT3814: Invalid request to CICS-DL/I interface.

Text	Invalid request to CICS-DL/I interface.
Expl.	CICS/VS returns an INVREQ condition. PSB may not be defined correctly to CICS/VS. Module name: NDPSIOCX
Actn.	Contact your CICS system programmer.

NAT3815: The PSB language is not Assembler.

Text	The PSB language is not Assembler.
Expl.	CICS/VS returns a language-conflict condition (LANGCON). Module name: NDPSIOCX Problem determination: Item 5.
Actn.	Make sure that the PSB language is Assembler and that is defined correctly to CICS/VS.

NAT3816: The database is not open.

Text	The database is not open.
Expl.	CICS/VS returns a "database not open" condition (NOTOPEN). Module name: NDPSIOCX
Actn.	Check if the database is open. Contact your CICS system programmer.

NAT3817: PSB initialization failed.

Text	PSB initialization failed.
Expl.	CICS/VS returns a PSBFAIL condition (PSB initialization failed). Among other reasons, this error occurs if the setting of the ENQL, DMBPL, PSBPL parameters in the CICS System Initialization Table (SIT) is too small. Module name: NDPSIOCX
Actn.	Contact your CICS system programmer.

NAT3818: The use of this PSB is not allowed.

Text	The use of this PSB is not allowed.
Expl.	A request was issued to an unauthorized PSB. CICS/VS returns a "PSB not authorized" condition (PSBNA). Module name: NDPSIOCX
Actn.	Check the CICS/VS ACT table.

NAT3819: NSB found on FDIC but PSB not found in CICS.

Text	NSB found on FDIC but PSB not found in CICS.
Expl.	The NSB is present on FDIC but CICS returned a "PSB not found" condition (PSBNF) when trying to schedule the corresponding PSB. Module name: NDLSIOCX
Actn.	Check the CICS PSB table.

NAT3820: PSB schedule request issued with a PSB already scheduled.

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Text	PSB schedule request issued with a PSB already scheduled.
Expl.	A PSB schedule request was issued, but this or another PSB has already been scheduled. Only one PSB at a time can be active. Module name: NDPSIOCX Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	Issue a DL/I TERM call (NATPSB OFF).

NAT3821: The task is not authorized to access a DL/I database.

Text	The task is not authorized to access DL/I database.
Expl.	CICS/VS return a TASKNA condition. Module name: NDPSIOCX
Actn.	Contact your CICS system programmer.

NAT3822: No PSB scheduled.

Text	No PSB scheduled.
Expl.	A termination request was issued with no PSB scheduled. Module name: NDPSIOCX Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	Contact Software AG support.

NAT3823: GETMAIN for I/O area failed.

Text	GETMAIN for I/O area failed.
Expl.	There is not enough storage available for the I/O area. Module names: NDPSIOCX and NDPSIOBA Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	Increase size of partition/region.

NAT3824: No NSB found or checkpoint processing.

Text	No NSB found for checkpoint processing.
Expl.	In a "DB2 DL/I batch support" environment, Natural for DB2 issues its checkpoints via Natural for DL/I. However, no NSB was found because the NATPSB ON command was not issued by the user. Module name: NDLSIOBA
Actn.	Issue NATPSB ON with a valid PSB name.

NAT3825: DBD names in NCB and PCB do not match.

Text	DBD names in NCB and PCB do not match.
Expl.	A free NCB has been selected (from the NSB). However, the DBD name in this NCB does not match the DBD name in the corresponding PCB. Module name: NDLSPALL
Actn.	Execute NATPSB procedure to correct NSB/PSB mismatch.

NAT3850: DL/I status code "AB".

Text	DL/I status code "AB".
Expl.	DL/I returns status code "AB". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

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Natural System Error Messages NAT3851-NAT3900

NAT3851: DL/I status code "AC".

Text	DL/I status code "AC".
Expl.	DL/I returns status code "AC". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3852: DL/I status code "AD".

Text	DL/I status code "AD".
Expl.	DL/I returns status code "AD". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3853: DL/I status code "AH".

Text	DL/I status code "AH".
Expl.	DL/I returns status code "AH". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3854: DL/I status code "AI".

Text	DL/I status code "AI".
Expl.	DL/I returns status code "AI". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3855: DL/I status code "AJ".

Text	DL/I status code "AJ".
Expl.	DL/I returns status code "AJ". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3856: DL/I status code "AK".

Text	DL/I status code "AK".
Expl.	DL/I returns status code "AK". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3857: DL/I status code "AM".

Text	DL/I status code "AM".
Expl.	DL/I returns status code "AM". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3858: DL/I status code "AO".

Text	DL/I status code "AO".
Expl.	DL/I returns status code "AO". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3859: DL/I status code "AT".

Text	DL/I status code "AT".
Expl.	DL/I returns status code "AT". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3860: DL/I status code "AU".

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Text	DL/I status code "AU".
Expl.	DL/I returns status code "AU". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3861: DL/I status code "DA".

Text	DL/I status code "DA".
Expl.	DL/I returns status code "DA". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3862: DL/I status code "DJ".

Text	DL/I status code "DJ".
Expl.	DL/I returns status code "DJ". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3863: DL/I status code "DX".

Text	DL/I status code "DX".
Expl.	DL/I returns status code "DX". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3864: DL/I status code "FD".

Text	DL/I status code "FD".
Expl.	DL/I returns status code "FD". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3865: DL/I status code "FE".

Text	DL/I status code "FE".
Expl.	DL/I returns status code "FE". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3866: DL/I status code "FF".

Text	DL/I status code "FF".
Expl.	DL/I returns status code "FF". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual IMS/VS "Application Programming".

NAT3867: DL/I status code "FG".

Text	DL/I status code "FG".
Expl.	DL/I returns status code "FG". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3868: DL/I status code "FH".

Text	DL/I status code "FH".
Expl.	DL/I returns status code "FH". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3869: DL/I status code "FI".

Text	DL/I status code "FI".
Expl.	DL/I returns status code "FI". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3870: DL/I status code "FP".

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Text	DL/I status code "FP".
Expl.	DL/I returns status code "FP". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3871: DL/I status code "FR".

Text	DL/I status code "FR".
Expl.	DL/I returns status code "FR". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3872: DL/I status code "FT".

Text	DL/I status code "FT".
Expl.	DL/I returns status code "FT". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3873: DL/I status code "FW".

Text	DL/I status code "FW".
Expl.	DL/I returns status code "FW". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3874: DL/I status code "GA".

Text	DL/I status code "GA".
Expl.	DL/I returns status code "GA". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3876: DL/I status code "GC".

Text	DL/I status code "GC".
Expl.	DL/I returns status code "GC". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3877: DL/I status code "GD".

Text	DL/I status code "GD".
Expl.	DL/I returns status code "GD". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3879: DL/I status code "GG".

Text	DL/I status code "GG".
Expl.	DL/I returns status code "GG". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3880: DL/I status code "GK".

Text	DL/I status code "GK".
Expl.	DL/I returns status code "GK". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3881: DL/I status code "GL".

Text	DL/I status code "GL".
Expl.	DL/I returns status code "GL". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3882: DL/I status code "GP".

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Text	DL/I status code "GP".
Expl.	DL/I returns status code "GP". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3883: DL/I status code "II" (duplicate sequence field).

Text	DL/I status code "II" (duplicate sequence field).
Expl.	DL/I returns status code "II" (duplicate sequence field). Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3884: DL/I status code "IX".

Text	DL/I status code "IX".
Expl.	DL/I returns status code "IX". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3885: DL/I status code "LB".

Text	DL/I status code "LB".
Expl.	DL/I returns status code "LB". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3886: DL/I status code "LC".

Text	DL/I status code "LC".
Expl.	DL/I returns status code "LC". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3887: DL/I status code "LD".

Text	DL/I status code "LD".
Expl.	DL/I returns status code "LD". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3888: DL/I status code "LE".

Text	DL/I status code "LE".
Expl.	DL/I returns status code "LE". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3889: DL/I status code "N".

Text	DL/I status code "N".
Expl.	DL/I returns status code "N". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3890: DL/I status code "NE".

Text	DL/I status code "NE".
Expl.	DL/I returns status code "NE". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3891: DL/I status code "NI".

Text	DL/I status code "NI".
Expl.	DL/I returns status code "NI". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3892: DL/I status code "NO".

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Text	DL/I status code "NO".
Expl.	DL/I returns status code "NO". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3893: DL/I status code "RX".

Text	DL/I status code "RX".
Expl.	DL/I returns status code "RX". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3894: DL/I status code "VI".

Text	DL/I status code "VI".
Expl.	DL/I returns status code "VI". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3895: DL/I status code "XX".

Text	DL/I status code "XX".
Expl.	DL/I returns status code "XX". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3896: DL/I status code "AL".

Text	DL/I status code "AL".
Expl.	DL/I returns code "AL". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3897: DL/I status code "BA".

Text	DL/I status code "BA".
Expl.	DL/I returns status code "BA". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3898: DL/I status code "BB".

Text	DL/I status code "BB".
Expl.	DL/I returns status code "BB". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3899: DL/I status code "XH".

Text	DL/I status code "XH".
Expl.	DL/I returns status code "XH". Module name: NDPSIORC Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	See the IBM manual "IMS/VS Application Programming".

NAT3900: PSB :1: scheduled, but PSB :2: already active.

Text	PSB ... scheduled, but PSB ... already active.
Expl.	A PSB schedule request was issued, but this or another PSB has already been scheduled. Only one PSB at a time can be active. Module name: NDPRPS00 Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	A "NATPSB OFF" command must be issued before the "NATPSB ON" command.

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Natural System Error Messages NAT3901-NAT3950

NAT3901: PSB not scheduled.

Text	PSB not scheduled.
Expl.	A "NATPSB OFF" command was issued with no PSB active. Module name: NDPRPS00 Problem determination: Item 1 (trace parameter = (CMD,REQ,SER)).
Actn.	None.

NAT3902: NSB :1: not found on FDIC system file.

Text	NSB ... not found on FDIC system file.
Expl.	Module name: NDPRPS00 Problem determination: Item 12.
Actn.	Execute NATPSB batch procedure for the given PSB to create and store the corresponding NSB on the FDIC system file.

NAT3903: PSB names do not match.

Text	PSB names do not match.
Expl.	The PSB name in the EXEC statement of the JCL (used by DL/I) and the PSB name in the NATPSB ON command (used by Natural for DL/I) must be the same. Module name: NDLRPS00
Actn.	Check JCL and modify PSB name, either in the EXEC statement or in the NATPSB ON command.

NAT3904: Segment description is not on Natural system file.

Text	Segment description is not on Natural system file.
Expl.	The segment is a virtual logical child. The DBD which contains the related real logical child, however, does not exist on the Natural system file. Module name: NDLSDGET Problem determination: Item 11.
Actn.	1. Execute the NATDBD procedure for the DBD containing the real logical child. 2. Execute the NATDBD procedure for the DBD containing the virtual logical child.

NAT3905: No PSB has been scheduled.

Text	No PSB has been scheduled.
Expl.	No NCB could be located because there is no NSB pointer, i.e. there is no PSB active. Module name: NDLSCGET Problem determination: Item 4.
Actn.	Execute command "NATPSB ON psbname" to schedule a PSB.

NAT3906: Segment position not fully specified in STORE request.

Text	Segment position not fully specified in STORE request.
Expl.	The position in the database where the segment is to be stored is not sufficiently specified in a STORE statement: one or more ancestor sequence fields are not referenced. Module name: NDPRN100 Problem determination: Items 2, 3.
Actn.	Assign correct values to the missing sequence fields of (1) the segment to be stored, and (2) the segment"s ancestors.

NAT3907: Internal error.

Text	Internal error.
Expl.	There is not enough storage available for a "user" area to be passed to the I/O area of a DL/I call. Module name: NDPSRPGU Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Contact Software AG support.

NAT3908: Index out of range for period.group/multiple-value field.

Text	Index out of range for periodic-group/multiple-value field.
Expl.	You have attempted to access a periodic-group field or multiple-value field, specifying an index which exceeds the value set by the UDF parameter MAXOCC. Module names: NDPSFBMI, NDPSFBMU. Problem determination: Items 2, 8.
Actn.	Check program and correct error.

NAT3909: Natural DL/I work area overflow.

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Text	Natural DL/I work area overflow.
Expl.	An overflow occurred during Natural DL/I SSA list initialization. Module name: NDPSFSSA Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Modify the work area size parameter WORKLGH in NDPCPARM.

NAT3910: Natural DL/I work area overflow.

Text	Natural DL/I work area overflow.
Expl.	An overflow occurred while adding an unqualified SSA to the SSA list. Module name: NDPSFSSA Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Modify the work area size parameter WORKLGH in NDPCPARM.

NAT3911: Natural DL/I work area overflow.

Text	Natural DL/I work area overflow.
Expl.	An overflow occurred in the Natural DL/I work area while moving a qualified SSA into the SSA list. Module name: NDPSFSSA Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Modify the work area size parameter WORKLGH in NDPCPARM.

NAT3912: Internal error.

Text	Internal error.
Expl.	Natural DL/I failed to add an unqualified SSA to the SSA list, because the unqualified SSA already existed on the SSA list and was not related to the current segment. Module name: NDPSFSSA Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Contact Software AG support.

NAT3913: Internal error.

Text	Internal error.
Expl.	Natural DL/I determined an invalid path for the involved segment level while attempting to add an unqualified SSA to the SSA list. The path determined was in conflict with the path associated with the existing SSA list. Module name: NDPSFSSA Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Contact Software AG support.

NAT3914: Natural DL/I work area overflow.

Text	Natural DL/I work area overflow.
Expl.	An overflow occurred during compression of an SSA list. Module name: NDPSFSSA Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2.
Actn.	Modify the work area size parameter WORKLGH in NDPCPARM.

NAT3915: Not enough Natural DL/I storage available.

Text	Not enough Natural DL/I storage available.
Expl.	Natural DL/I was unable to obtain the requested entry in the TSA internal table. Module name: NDPSFSSA Problem determination: Item 1 (trace parameter (CMD,REQ,SER)).
Actn.	Modify the related TSA parameter SEQNUM in the module NDPCPARM.

NAT3916: Index database name incompatible.

Text	Index database name incompatible.
Expl.	The index database name field in the NCB does not agree with the index database field in the NCB AIX field involved in the database call. Module name: NDPSBNCB Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2, 4, 5.
Actn.	Contact Software AG support.

NAT3918: SENSEG in NSB has no corresponding segment in related NDB.

Text	SENSEG in NSB has no corresponding segment in related NDB.
Expl.	A SENSEG in the NSB does not have a corresponding segment in the related NDB. Module name: NDPSBNCB Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 2, 4, 5.
Actn.	Check whether the NATDBD and NATPSB procedures were executed correctly.

NAT3919: PSB switch cannot be accepted.

Text	PSB switch cannot be accepted.
Expl.	A PSB switch was requested inside an active I/O loop (FIND, READ) while another PSB is still allocated. Module name: NDPSRLIN
Actn.	Switch the PSB outside any active I/O loop.

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NAT3920: GETMAIN for NCB failed.

Text	GETMAIN for NCB failed.
Expl.	To copy the NCB from the buffer pool into a work area, a GETMAIN for the work area is performed. This GETMAIN failed. Module name: NDPSNCBI
Actn.	Increase the value of the SIZE parameter in the NDPCPARM parameter module.

NAT3921: Natural buffer pool not active, or unknown return code.

Text	Natural buffer pool not active, or unknown return code.
Expl.	When calling the Natural buffer pool for a Natural DL/I control block (NDB, NSB, UDF) request, the buffer pool returned: - an unknown return code, or - a return code which indicates that the buffer pool is not active. Module name: NDPSNBPI
Actn.	Contact Software AG support.

NAT3922: NDB/NSB/UDF not found during de-allocation.

Text	NDB/NSB/UDF not found during de-allocation.
Expl.	An attempt was made to de-allocate a Natural DL/I control block (NDB, NSB, UDF) from the Natural buffer pool. However, the control block was not found in the buffer pool.
Actn.	Contact Software AG support.

NAT3923: Use count gone negative during de-allocation.

Text	Use count gone negative during de-allocation.
Expl.	When de-allocating Natural DL/I control blocks (NDB/NSB/UDF) from the buffer pool, it was detected that the use count was negative. Module name: NDPSNBPI
Actn.	Contact Software AG support.

NAT3924: No space during load into buffer pool.

Text	No space during load into buffer pool.
Expl.	When loading the Natural DL/I control blocks (NDB/NSB/UDF) from the system file into the buffer pool, there was not enough storage available in the buffer pool. Module name: NDPSNBPI
Actn.	Provide enough storage.

NAT3925: Symbolic checkpoint/restart failed.

Text	Symbolic checkpoint/restart failed.
Expl.	IMS checkpointing was requested in a batch Natural program, through the provision of user data with the END TRANSACTION statement. This request could, however, not be satisfied because an error was detected by Natural for DL/I. Possible reasons for this error: - A GETMAIN failed: Natural for DL/I requires a 2000-byte buffer for this function. - A DL/I status code was returned in response to the XRST call. - The XRST call was not issued because it is not supported in this environment or with this CMPAT setting. Module name: NDLRRE00
Actn.	Increase the REGION size in the JCL. Check IMS logging installation at your site. Check if your environment (CMPAT setting) supports the XRST call.

NAT3926: Invalid search criterion for HDAM database.

Text	Invalid search criterion for HDAM database.
Expl.	When accessing a HDAM database, either a secondary index must be used or a condition must be specified for the root sequence field with relational operator EQUAL TO. Fields different from the sequence field are not permitted to prevent excessive sequential DL/I access. Use READ PHYSICAL if you want to retrieve root segments sequentially (in physical sequence). Module name: NDPRPTSA
Actn.	Use EQUAL TO as logical operator, or access via alternate index.

NAT3927: FREEMAIN for NCB failed.

Text	FREEMAIN for NCB failed.
Expl.	To copy the NCB from the buffer pool into a work area, a GETMAIN for the work area is performed. The subsequent FREEMAIN for this work area failed. Module name: NDPSNCBI
Actn.	Contact Software AG support.

NAT3929: Natural for DL/I has not been initialized.

Text	Natural for DL/I has not been initialized.
Expl.	Natural for DL/I service has been requested, but Natural for DL/I has not been initialized. Module name: NDLGWDLI
Actn.	Install Natural for DL/I with a DLISIZE of at least 27 KB; then start the Natural session again.

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NAT3930: NATPSB ON/OFF command not available in IMS environment.

Text	NATPSB ON/OFF command not available in IMS environment.
Expl.	PSB switching under IMS is accomplished by using the module "CMDEFSWX" or "CMDIRSWX".
Actn.	Instead of NATPSB, use one of the above modules.

NAT3931: GETMAIN size exceeds maximum of 32 KB.

Text	GETMAIN size exceeds maximum of 32 KB.
Expl.	Natural DL/I attempts to copy the DL/I CALL parameter list into a buffer below 16 MB. The GETMAIN for this buffer could not be executed, because the size requested was greater than the maximum possible size of 32 KB. Module name: NDLSIOCX
Actn.	Contact Software AG support.

NAT3932: GETMAIN failed for buffer below 16 MB.

Text	GETMAIN failed for buffer below 16 MB.
Expl.	Natural DL/I attempts to copy the DL/I CALL parameter list into a buffer below 16 MB. The GETMAIN for this buffer failed. Module name: NDLSIOCX
Actn.	Contact Software AG support.

NAT3933: Now it is too late for BACKOUT TRANSACTION.

Text	Too late for BACKOUT TRANSACTION.
Expl.	The program contains a design error: it attempts to backout updates which have already been committed. This error can only occur under CICS in pseudo-conversational mode or under IMS/DC. The most likely reason is that a terminal I/O has forced the end of the logical transaction; that is, internally a SYNCPOINT command has already been executed by the TP monitor at the time when the BACKOUT TRANSACTION statement is executed. Nevertheless, Natural for DL/I has executed a SYNCPOINT ROLLBACK command. This means that the actual scope of the BACKOUT TRANSACTION is different from the expected one.
Actn.	Correct error in program.

NAT3934: FREEMAIN for I/O area failed.

Text	FREEMAIN for I/O area failed.
Expl.	Internal error. Module names: NDLSIOBA/NDLSIOCX.
Actn.	Contact Software AG support.

NAT3935: :1: locked in bufferpool blacklist.

Text	:1: locked in bufferpool blacklist.
Expl.	A Natural for DL/I object - NDB, NSB or UDF - could not be loaded into the buffer pool, because it has been locked from execution via the Blacklist Maintenance function of the SYSBPM utility. Module name: NDLSSHGE
Actn.	Contact your Natural administrator to delete the blacklist entry.

NAT3936: GSAM records cannot be deleted or updated.

Text	GSAM records cannot be deleted or updated.
Expl.	The database accessed is a GSAM database. You cannot delete or update records in a GSAM database. This is a GSAM restriction. Module name: NDLRPTSA,NDLRN100
Actn.	Remove DELETE or UPDATE statement from your program.

NAT3937: Segment length exceeded.

Text	Segment length exceeded.
Expl.	The length of the retrieved segment is larger than the maximum length defined to Natural for this segment type, i.e. the definitions for DL/I and NDL are not in synchronization. The most probable reason is that the segment length was increased using DBDGEN but the corresponding execution of NATDBD was omitted. Module name: NDLRGNEX
Actn.	Re-run the NATDBD procedure against the DBD.

NAT3938: Not enough storage in WORK buffer.

Text	Not enough storage in WORK buffer.
Expl.	During format buffer analysis, Natural for DL/I could not acquire storage from the WORK buffer for another format buffer entry because the WORK buffer is full. Module name: NDLSFBSA Problem determination: Items 1 (trace = (CMD,REQ,SER)), 2, 10.
Actn.	Increase the related WORK parameter WORKLGH in the NDLPARM module.

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Natural System Error Messages NAT3951-NAT4000

NAT3951: CSECT :1: is missing.

Text	CSECT ... is missing.
Expl.	This error may be caused by one of the following: - The module as indicated in the message is missing in the link-edit stream. - The CSECT instruction is missing in the source of the module. - The module name in the CSECT instruction has been changed.
Actn.	Make sure that the module is included in the link-edit stream; make sure that the source of the module is complete/correct.

NAT3952: INIT call failed with status code :1:.

Text	INIT call failed with status code ....
Expl.	The Natural DL/I initialization routine issues an INIT call to inform IMS that it is prepared to accept status codes "BA" and "BB" regarding the unavailability of data. This call failed, and DL/I has returned the status code indicated in the message.
Actn.	See the IBM manual "IMS/VS Application Programming" for explanation of the status code.

NAT3953: Versions of NDLNUC and :1: do not match.

Text	Versions of NDLNUC and ... do not match.
Expl.	The modules included in the Natural DL/I link-edit must be of the same version. Module name: NDLSINIT
Actn.	Check NDLNUC, NDLSIO00 and NDLPARM.

NAT3954: DLISIZE must be greater than :1:.

Text	DLISIZE must be greater than ....
Expl.	If DLISIZE is not "0", it must be large enough to hold all buffers that are required by Natural for DL/I.
Actn.	Set DLISIZE to the value indicated in the error message.

NAT3955: Error :1: in GETMAIN in Natural for DL/I buffer.

Text	Error ... in GETMAIN in Natural for DL/I buffer.
Expl.	An error occurred when Natural for DL/I attempted to acquire its buffer from the thread.
Actn.	Increase the size of the thread.

NAT3956: Error :1: in GETMAIN in Natural for DL/I subpool :2:.

Text	Error ... in GETMAIN in Natural for DL/I subpool ....
Expl.	An error occurred when Natural for DL/I attempted to acquire the subpool (as indicated in the error message) from its buffer.
Actn.	Contact Software AG support.

NAT3957: No DBID marked as DL/I in NTDB macro.

Text	No DBID marked as DL/I in NTDB macro.
Expl.	Natural for DL/I has been invoked, but in the NTDB macro no database has been reserved for DL/I.
Actn.	If you do not wish to invoke Natural for DL/I, invoke Natural with DLISIZE=0; otherwise correct error in NTDB macro.

NAT3959: XRST call failed with DL/I status code :1:.

Text	XRST call failed with DL/I status code ....
Expl.	When starting a BMP, the Natural DL/I initialization routine issues an extended restart (XRST) call. This call failed, and DL/I returned the status code indicated in the message.
Actn.	See the IBM manual "IMS/VS Application Programming" for explanation of status code.

NAT3960: No valid PSB name was provided.

Text	No valid PSB name was provided.
Expl.	The address pointing to the PCB address list is blank or zero. This happens if a DLISIZE other than zero has been specified and 1) - either Natural is not running under the control of the DL/I region controller (DFSRRC00 for MVS, DLZRRC00 for VSE), 2) - or Natural is running under control of the DL/I region controller, but, due to an internal error, the PCB address list has not been passed to Natural for DL/I. 3) - or the PSB name in the JCL does not match the PSB name on CMSYNIN. Module name: NDLSINIT. Problem determination: Check the JCL used to start Natural.
Actn.	For 1) - Run Natural under the control of the DL/I region controller, or run Natural with DLISIZE=0. For 2) - Contact Software AG support.

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NAT3961: NSB :1: not found on FDIC system file.

Text	NSB ... not found on FDIC system file.
Expl.	The PSB which is used to start Natural has not been defined on the FDIC system file or could not be read (due to an unexpected return code from the database). Module name: NDLSINIT. Problem determination: Check if the correct system file has been assigned.
Actn.	Specify correct FDIC, or run NATPSB procedure to store the NSB on the FDIC system file. Set DLISIZE=0 if you do not want an NSB associated with the transaction (because it does not need to access DL/I).

NAT3962: Error in loading global area.

Text	Error in loading global area.
Expl.	The NDPSGLBA module is not included the link step; it therefore cannot be loaded dynamically. Module name: NDPSGLBA Problem determination: Obtain a link-edit listing.
Actn.	Either include NDPSGLBA in the link step (batch and CICS) or specify it in the STEPLIB DD card (IMS/DC).

NAT3963: Natural for DL/I initialization failed.

Text	Natural for DL/I initialization failed.
Expl.	The reason for this failure is explained by the more detailed error message issued together with this error message.
Actn.	See explanation of detailed message.

NAT3970: Error when loading NDB/NSB.

Text	Error when loading NDB/NSB.
Expl.	The NDB, or the NSB, could not be loaded from the load library (under DOS, from the core image library). Module names: NDLBINDB, NDLBINSB. Problem determination: Item 11 or Item 12.
Actn.	1. Check whether the load (core) library contains the NDB/NSB. 2. Check the results of the assembly and link steps of the NATDBD/NATPSB procedures which produce the above modules.

NAT3971: Error in END TRANSACTION command.

Text	Error in END TRANSACTION command.
Expl.	Due to an error when issuing the "ET" command, the NDB (or the NSB) could not be stored into the Natural system file. The message "SYSDLI: 1004" contains the I/O response code received from the Natural I/O processor. The I/O codes are described in the Adabas Messages And Codes documentation or the Natural Error Messages documentation respectively. Module names: NDPBNDB1, NDPBNSB1. Problem determination: Item 11 or Item 12.
Actn.	Contact your database administrator.

NAT3972: DBD has too many (over 468) DL/I fields.

Text	DBD has too many (over 468) DL/I fields.
Expl.	A DBD with more than 468 (13 * (26 + 10)) DL/I fields cannot be processed. This is a design restriction. Module name: NDPBSESH Problem determination: Items 4, 11.
Actn.	Reduce number of DL/I fields.

NAT3973: Error in acquiring a work area (storing NDB/NSB).

Text	Error in acquiring a work area (storing NDB/NSB).
Expl.	An error message was returned by the GETMAIN/GETVIS macro after Natural DL/I attempted to acquire a work area while processing a logical DBD. Module name: NDPBNDB1 Problem determination: Item 11.
Actn.	Increase partition/region size.

NAT3974: Error when storing the NDB/NSB.

Text	Error when storing the NDB/NSB.
Expl.	During the STORE operation of an NDB/NSB, an error message was returned either by the Adabas "N1" command or by a VSAM "PUT". The error message "SYSDLI: 1103" contains the I/O response code received from the Natural I/O processor. The I/O codes are described in the Adabas Messages And Codes documentation or the Natural Error Messages documentation respectively. Module names: NDLBSNDB, NDLBSNSB. Problem determination: Item 11.
Actn.	Correct the condition that caused the I/O error.

NAT3975: DBD/PSB name does not match the load module name.

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Text	DBD/PSB name does not match the load module name.
Expl.	The NAME parameter in the DBD/PSB macro does not match the load module name in the load (in DOS, core) library which contains the output of the assembly and link steps of the NATDBD/NATPSB procedure. Module names: NDLBINDB, NDLBINSB. Problem determination: Items 4/5, 11/12.
Actn.	Check the name of the load module containing the output of the assembly step of the NATDBD/NATPSB procedure; change it accordingly to match the NAME parameter. Ensure that SAG macros are used during the assembly.

NAT3978: NDB not found.

Text	NDB not found.
Expl.	Internal error. Module name: NDPBRNDB Problem determination: Items 1 (trace parameter = (CMD,REQ,SER)), 11.
Actn.	Contact Software AG support.

NAT3979: Error in acquiring a work area.

Text	Error in acquiring a work area.
Expl.	An error message was received from the GETMAIN/GETVIS macro while acquiring the I/O area into which the first slot of the old copy of the NDB being processed was to be read. Module name: NDPBRNDB Problem determination: Item 11.
Actn.	Increase partition/region size.

NAT3980: Error in acquiring a work area.

Text	Error in acquiring a work area.
Expl.	An error message was received from the GETMAIN/GETVIS macro while acquiring the I/O area into which the old copy of the NDB being processed was to be read. Module name: NDPBRNDB Problem determination: Item 11 or Item 12.
Actn.	Increase partition/region size.

NAT3981: Error in reading an NDB.

Text	Error in reading an NDB.
Expl.	The new NDB copy could not be stored into the Natural system file due to an error which occurred while reading the old copy. The error message "SYSDLI: 1004" contains the I/O response code received from the Natural I/O processor. The I/O codes are described in the Adabas Messages And Codes documentation or the Natural Error Messages documentation respectively. Module name: NDPBRNDB Problem determination: Item 11.
Actn.	Correct the condition that caused the I/O error.

NAT3982: Error in reading an NDB.

Text	Error in reading an NDB.
Expl.	The new NDB copy could not be stored into the Natural system file due to an error which occurred while reading the old copy. The error message "SYSDLI: 1004" contains the I/O response code received from the Natural I/O processor. The I/O codes are described in the Adabas Messages And Codes documentation or the Natural Error Messages documentation respectively. Module name: NDPBRNDB Problem determination: Item 11.
Actn.	Correct the condition that caused the I/O error.

NAT3983: Error in reading an NDB.

Text	Error in reading an NDB.
Expl.	An error occurred while the old copy of an existing NDB (or NSB) was being read for update. The error message "SYSDLI: 1004" contains the I/O response code received from the Natural I/O processor. The I/O codes are described in the Adabas Messages And Codes documentation or the Natural Error Messages documentation respectively. Module names: NDPBDNDB, NDPBDNSB. Problem determination: Item 11 or Item 12.
Actn.	Correct the condition that caused the I/O error.

NAT3984: Error in reading an NDB.

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Text	Error in reading an NDB.
Expl.	An error occurred while the old copy of an existing NDB (or NSB) was being read for update. The error message "SYSDLI: 1004" contains the I/O response code received from the Natural I/O processor. The I/O codes are described in the Adabas Messages And Codes documentation or the Natural Error Messages documentation respectively. Module names: NDPBDNDB, NDPBDNSB. Problem determination: Item 11 or Item 12.
Actn.	Correct the condition that caused the I/O error.

NAT3985: Error in deleting an NDB.

Text	Error in deleting an NDB.
Expl.	An error occurred while the old copy of an NDB was being deleted. The error message "SYSDLI: 1004" contains the I/O response code received from the Natural I/O processor. The I/O codes are described in the Adabas Messages And Codes documentation or the Natural Error Messages documentation respectively. Module name: NDPBDNDB Problem determination: Item 11.
Actn.	Correct the condition that caused the I/O error.

NAT3986: NDB/NSB not found.

Text	NDB/NSB not found.
Expl.	This error occurs when an NDB (or NSB) is being read for update before being deleted. The error is originated by the "L3" command (Adabas system file) or by the VSAM GET (VSAM system file). The error message "SYSDLI: 1004" contains the I/O response code received from the Natural I/O processor. The I/O codes are described in the Adabas Messages And Codes documentation or the Natural Error Messages documentation respectively. Module names: NDPBDNDB, NDPBDNSB. Problem determination: Item 11 or Item 12.
Actn.	Correct the condition that caused the I/O error.

NAT3987: Error in building a logical NDB.

Text	Error in building a logical NDB.
Expl.	The work area used for building a logical NDB is too small. Module name: NDPBNDBL Problem determination: Item 11.
Actn.	Contact Software AG support. Software AG will change YLOG in NDPBNDB1 and relink NDLB0001.

NAT3988: Sequence-field error in building a logical NDB.

Text	Sequence-field error in building a logical NDB.
Expl.	More than one sequence field was found for a segment which is NOT a logical virtual child. Up to five sequence fields may be defined ONLY for logical virtual child segments. Module name: NDPBNDBL Problem determination: Items 4, 11.
Actn.	Ensure that the DBDGEN procedure was successfully executed against this DBD, since this error should be detected by DBDGEN.

NAT3989: Error in building AIX links in a logical NDB.

Text	Error in building AIX links in a logical NDB.
Expl.	Internal error. Module name: NDPBNDBL Problem determination: Items 4, 11.
Actn.	Contact Software AG support.

NAT3990: Error in acquiring a work area for a logical NDB.

Text	Error in acquiring a work area for a logical NDB.
Expl.	A GETMAIN/GETVIS macro was invoked to acquire a work area where a logical NDB was to be built. A non-zero response code was returned. Module name: NDPBNDB1 Problem determination: Item 11.
Actn.	Increase partition/region size.

NAT3991: Segment referred to as source was not found.

Text	Segment referred to as source was not found.
Expl.	While processing a segment with a SOURCE parameter, the specified segment was not found in the NDB corresponding to the DBD specified in the SOURCE keyword. Module name: NDPBNDBL Problem determination: Item 11.
Actn.	Ensure that the ACBGEN procedure was successfully executed against this DBD, since this error should be detected by ACBGEN.

NAT3992: Error in acquiring a work area for a logical NDB.

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Text	Error in acquiring a work area for a logical NDB.
Expl.	A GETMAIN/GETVIS macro was invoked to acquire a work area where a logical NDB was to be built. A non-zero response code was returned. Module name: NDPBNDB1 Problem determination: Item 11.
Actn.	Increase partition/region size.

NAT3993: NDB not found in Natural system file.

Text	NDB not found in Natural system file.
Expl.	While processing a segment with a SOURCE parameter, the NDB corresponding to the DBD specified in the SOURCE keyword was not found in the Natural system file. Module name: NDPBNDBL Problem determination: Item 11.
Actn.	Ensure that the DBDGEN procedure was successfully executed against this DBD, since this error should be detected by DBDGEN.

NAT3994: Inhibit flag of segment in "SOURCE" keyword set to "ON".

Text	Inhibit flag of segment in "SOURCE" keyword set to "ON".
Expl.	Procedure NATDBD is executed against a logical DBD. This DBD contains a SOURCE=((segname,,dbname)) statement to identify segment type "segname" in physical database "dbname". However, the NDB corresponding to "dbname" contains one or more segment types which are marked as inhibited. These segment types were inhibited by Natural during the execution of NATDBD against "dbname" because not all references to the real logical child segment type could be resolved. Module name: NDPBNDBL Problem determination: Item 11.
Actn.	Before executing NATDBD for a logical DBD, execute NATDBD for all physical DBDs referred to. If the logical relationship is the result of a recursive structure, run NATDBD for the physical DBD at least twice.

NAT3995: Overflow of source error table.

Text	Overflow of source error table.
Expl.	The table which contains the list of segments having an error flag is too small. Module name: NDPBNDBL Problem determination: Item 4.
Actn.	Contact Software AG support.

NAT3996: Physical NDB referenced as source was not found.

Text	Physical NDB referenced as source was not found.
Expl.	While processing a segment with a SOURCE parameter, the NDB corresponding to the DBD specified in the SOURCE keyword was not found in the Natural system file. (The NDB has been stored in the Natural system file with some segments having the inhibit flag set to "ON".) Module name: NDPBNDBL Problem determination: Item 4.
Actn.	Re-execute the NATDBD procedure. For details see the section on Logical Databases in the Natural DL/I chapter of the Natural Operations documentation.

NAT3997: Error when scanning NSB (CMPAT=YES).

Text	Error when scanning NSB (CMPAT=YES).
Expl.	Module name: NDPBNSB1
Actn.	Check PSB definition.

NAT3998: Natural nucleus not found.

Text	Natural nucleus not found.
Expl.	When running NDL batch under VSE, NDLSINID tries to load the Natural phase whose name has been specified in the JCL. This phase was not found. Module name: NDLSINID
Actn.	Check name of the Natural phase in the JCL.

NAT3999: Not enough memory to load Natural nucleus.

Text	Not enough memory to load Natural nucleus.
Expl.	When running NDL batch under VSE, NDLSINID tries to load the Natural phase whose name has been specified in the JCL. This phase could not be loaded because not enough memory was available. Module name: NDLSINID
Actn.	Check size of Natural batch phase and specify the SIZE parameter in the JCL appropriately.

NAT4000: Natural error text 4nnn cannot be displayed.

Text	Natural error text 4nnn cannot be displayed.
Expl.	For error NAT4nnn, there is no specific error message available.

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Natural System Error Messages NAT4001-NAT4050

NAT4001: Control characters DC, ID, IA must exclude one another.

Text	Control characters DC, ID, IA must exclude one another.
Expl.	These characters for decimal character (DC), input delimiter (ID) and input assign character (IA) must be different from one another, so that they can be distinguished from one another when an input data stream is processed.
Actn.	Enter different values for DC, ID, IA.

NAT4002: Enter "OFF", "ON", "OPT" or "*".

Text	Enter "OFF", "ON", "OPT" or "*".
Expl.	To set the MCG parameter on the Globals screen, the following options are allowed: - "OFF" de-activates the Natural Optimizer Compiler (NOC). - "ON" activates the NOC without any additional options. - "OPT" or "*" causes a window to be displayed, in which you can activate the NOC and also active/de-activate any additional options (overflow checking, index checking, mixed mode, optimization of I/O statements).
Actn.	Enter "ON", "OFF", "OPT" or "*" in the MCG field on the Globals screen.

NAT4003: Additional Options = "Y" only possible with "ON" ="Y".

Text	Additional Options = "Y" only possible with "ON" ="Y".
Expl.	If you wish to activate (that is, set to "Y") any additional options of the Natural Optimizer Compiler (NOC), you must first activate the NOC itself (set "ON" to "Y"). If you wish to de-activate the NOC (set "ON" to "N"), you also have to de-activate any additional options that have been activated.
Actn.	Also set "ON" to "Y" when you set any additional option to "Y"; or set all additional options to "N" when you set "ON" to "N".

NAT4004: The line size must be between 2 and 250.

Text	The line size must be between 2 and 250.
Expl.	The maximum output in one logical line is 250 characters. If the LS parameter is greater than the physical line size, the text will be wrapped around.
Actn.	Enter a value of no more than 250 for line size.

NAT4005: The page size must be either from 10 to 250, or 0.

Text	The page size must be either from 10 to 250, or 0.
Expl.	Up to 250 lines can be produced by one statement and can be placed on one logical page. PS=0, which can only be specified with a FORMAT statement, means: - for the first report (report 0): The physical device page size, minus 1, will be used. - for reports 1-31: Newpage processing will be suppressed, that is, no automatic page-break processing will be performed.
Actn.	Enter a correct value for the PS parameter.

NAT4006: Only "D" or "F" allowed as values for IM parameter.

Text	Only "D" or "F" allowed as values for IM parameter.
Expl.	Only "D" (for delimiter mode) or "F" (for forms mode) may be used as values for the IM (input mode) parameter.
Actn.	Enter "D" or "F" for IM parameter.

NAT4007: Only "ON" or "OFF" allowed for this type of parameter.

Text	Only "ON" or "OFF" allowed for this type of parameter.
Expl.	The only possible values for this type of parameter are "ON" and "OFF".
Actn.	Enter either "ON" or "OFF" for this parameter.

NAT4008: Maximum value for SL parameter is 80.

Text	Maximum value for SL parameter is 80.
Expl.	Source lines can only be up to 80 characters long if they are input in batch mode. The Natural full screen editor allows lines of up to 72 characters.
Actn.	Enter correct value for SL parameter.

NAT4009: The spacing factor must be between 1 and 30.

Text	The spacing factor must be between 1 and 30.
Expl.	30 spaces are the maximum which can be placed between output columns.
Actn.	Enter correct value (1 - 30) for SF parameter.

NAT4010: Incorrect construction of library ID.

Text	Incorrect construction of library ID.
Expl.	Library identifications must start with a character and may consist of up to eight alphanumeric characters.
Actn.	Enter correct value for library ID.

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NAT4011: You cannot specify a LIMIT which exceeds default LIMIT.

Text	You cannot specify a LIMIT which exceeds default LIMIT.
Expl.	You cannot set the LIMIT to a value which is greater than the current default LIMIT value displayed. You may, however, reduce the value for LIMIT.
Actn.	Enter value lower than the current value for LIMIT.

NAT4012: Previous contents of source area has been deleted.

Text	Previous contents of source area has been deleted.
Expl.	You have attempted to catalog a DDM while another object was in the source area. This object has been deleted from the source area, and the source area is now empty.
Actn.	Before you catalog a DDM, read it into the source area.

NAT4013: The Generate function is only valid for Adabas files.

Text	The Generate function is only valid for Adabas files.
Expl.	- To generate a DDM from a DB2 or SQL/DS table, you use the function "DB2, SQL/DS Services". - To generate a DDM from a DL/I segment description, you use the function "DL/I Services". - A DDM for a VSAM file cannot be generated; you use the Edit function and enter the specifications by hand.
Actn.	Use appropriate function for database type.

NAT4014: Please enter an Adabas DBID other than "0".

Text	Please enter an Adabas DBID other than "0".
Actn.	Enter valid DBID.

NAT4015: Read DDM into source area before you catalog it.

Text	Read DDM into source area before you catalog it.
Expl.	Before you can catalog a DDM, you must read it into the source area.
Actn.	Read DDM into source area.

NAT4016: This function is not available.

Text	This function is not available.
Expl.	The functions "DB2, SQL/DS Services" and "DL/I Services" are only available if Natural DB2, Natural SQL/DS or Natural DL/I respectively has been installed.
Actn.	Select another function; or contact your database administrator.

 Natural System Error Messages NAT4001-NAT4050

NAT4017: Object renamed successfully.

Text	Object renamed successfully.
Actn.	No action required.

NAT4018: User :1: is cataloging this library with CATALL.

Text	User ... is cataloging this library with CATALL.
Expl.	CATALL of a library is allowed for ONLY ONE user at a time.
Actn.	You can 1) try later; 2) contact the person who issued the CATALL and ask him/her to complete the job, or if this person is not available, you can 3) delete the object 0CATALL.

NAT4020: Key settings modified but not updated. Press PF2 to print.

Text	Key settings modified but not updated. Press PF2 to print.
Expl.	The printed output of the Natural PF-key settings may not be the same as the definitions in Natural because the settings have been modified online, but have not been updated with PF5.
Actn.	Press PF2 to print the PF-key settings or PF5 to update first.

NAT4021: Key table successfully updated.

Text	Key table successfully updated.
Expl.	The new key settings have been successfully updated for the Natural session.

NAT4022: No AIV variables defined.

Text	No AIV variables defined.
Expl.	There are currently no AIV variables.

NAT4023: Valid XREF parameter values are : "ON", "OFF" or "FORCE".

Text	Valid XREF parameter values are : "ON", "OFF" or "FORCE".
Expl.	The XREF parameter indicates whether the active cross-reference feature is to be used. Possible settings are: ON - Natural cross-reference data for database fields, subroutines, and maps are stored in the appropriate Predict entries each time a Natural program is cataloged. OFF - No cross-reference activity is performed. FORCE - A check is made to determine if a Predict entry for the program exists. If so, CATALOG is allowed and cross-reference data are stored. If not, CATALOG is disallowed.
Actn.	Enter a valid value.

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NAT4024: Valid print-mode parameters are: "C","I","P" and/or "R".

Text	Valid print-mode parameters are: "C","I","P" and/or "R".
Expl.	As print-mode parameters, you can specifiy one or two of the following values: C - Alternative character set I - Inverse direction P - Standard character set R - Normal direction
Actn.	Enter a valid value.

NAT4025: Maximum possible value for page dataset parameter is 255.

Text	Maximum possible value for page dataset parameter is 255.
Expl.	Up to 255 pages (screens) can be stored simultaneously in the Natural system file (FUSER) with the NATPAGE screen-paging utility. If more pages are written to the system file than specified in the page dataset (PD) parameter, the pages will be wrapped.
Actn.	Modify the page dataset (PD) parameter to a value between 1 and 255.

NAT4026: The maximum CPU time parameter (MT) is too large.

Text	The maximum CPU time parameter (MT) is too large.
Expl.	The maximum CPU time parameter (MT) specifies the maximum amount of CPU time which can be used by a Natural program. The value is specified in seconds. The value specified exceeds the maximum operating system value. Any value in excess of the maximum is reduced to the maximum supported by the operating system. If MT is set to "0", then no Natural CPU time limit is in effect.
Actn.	Specify an MT value less than the maximum supported by the operating system.

NAT4027: Only "S","I" or "C" values allowed for DFSTACK parameter.

Text	Only "S","I" or "C" values allowed for DFSTACK parameter.
Expl.	Only "S" (2-byte year), "I" (4-byte year) or "C" (2-byte year with check) may be used as values for the DFSTACK parameter.
Actn.	Enter "S", "I" or "C" for the DFSTACK parameter.

NAT4028: Only "S" or "I" allowed as values for DFOUT parameter.

Text	Only "S" or "I" allowed as values for DFOUT parameter.
Expl.	Only "S" (2-byte year) or "I" (4-byte year) may be used as values for the DFOUT parameter.
Actn.	Enter "S" or "I" for the DFOUT parameter.

NAT4029: Object(s) printed.

Text	Object(s) printed.
Expl.	The object(s) you selected, have been routed to the printer.
Actn.	No action.

NAT4030: Please enter "ON", "OFF" or "VID".

Text	Please enter "ON", "OFF" or "VID".
Expl.	ON: the global format ID will always be generated. OFF: the global format ID will not be generated. VID: the global format ID will be generated for DDMs in LDAs or GDAs.
Actn.	Enter "ON", "OFF" or "VID".

NAT4031: Please enter "ON" or "OFF".

Text	Please enter "ON" or "OFF".
Expl.	Valid input for this field is "ON" or "OFF" only. Please refer to the documentation for the meaning of the values.
Actn.	Please insert allowed value.

NAT4032: Please select either "OFF", "ON" or "VID".

Text	Please select either "OFF", "ON" or "VID".
Expl.	Valid input for this field: ON: Global format IDs are generated for all views (default). OFF: No global format IDs are generated. VID: Global format IDs are generated only for views in local/ global data areas, but not for views defined within programs.
Actn.	Please enter valid value.

NAT4033: Compiler options updated.

Text	Compiler options updated.
Expl.	The compiler options have been updated according to the values displayed on the screen.
Actn.	No action.

NAT4034: Only "S","I" or "L" values allowed for DFTITLE parameter.

Text	Only "S","I" or "L" values allowed for DFTITLE parameter.
Expl.	Only "S" (short), "I" (internal) or "L" (long) may be used as values for the DFTITLE parameter.
Actn.	Enter "S", "I" or "L" for the DFTITLE parameter

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NAT4035: Invalid value :1: entered.

Text	Invalid value ... entered.
Actn.	Enter a correct value.

NAT4036: Invalid value :1: passed to parameter :2:.

Text	Invalid value ... passed to parameter ....
Expl.	An invalid value has been passed to a parameter of a Natural module. There may be a wrong input by the user, or an internal error may have occurred.
Actn.	Make sure the input parameters have been specified correctly, or contact your Natural administrator.

NAT4037: :1: must be less than :2:.

Text	... must be less than ....
Expl.	A value you entered must be less than another value.
Actn.	Enter a smaller value.

NAT4038: :1: must be greater than :2:.

Text	... must be greater than ....
Expl.	A value you entered must be greater than another value.
Actn.	Enter a greater value.

NAT4039: :1: must be in range of :2: to :3:.

Text	... must be in range of ... to ....
Expl.	An input value is not within the allowed range of values.
Actn.	Change the input value.

NAT4040: :1: does not exist.

Text	... does not exist.
Expl.	This error occurs if you made a specification which refers to an item that does not exist.
Actn.	Change your specification.

NAT4041: :1: already exists.

Text	... already exists.
Expl.	You have specified an item which already exists.
Actn.	Change your input or set a Replace option to "yes".

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NAT4043: :1: is empty.

Text	... is empty.
Expl.	No detailed explanation available.

NAT4044: Function disallowed by Predict definition.

Text	Function disallowed by Predict definition.
Expl.	Due to definitions in Predict, you are not allowed to use this function.
Actn.	Contact your Predict administrator.

NAT4045: Error in Predict master record.

Text	Error in Predict master record.
Expl.	No detailed explanation available.

NAT4048: Extended parameter size too small.

Text	Extended parameter size too small.
Expl.	A Natural subprogram has been invoked with a dynamic parameter area (1:V). The size of the parameter area in the invoking program is smaller than expected in the subprogram.
Actn.	Change the invoking program or contact your Natural administrator.

NAT4049: :1: only allowed for :2:.

Text	... only allowed for ....
Expl.	No detailed explanation available.

NAT4050: Duplicate file number for physical DDM not allowed.

Text	Duplicate file number for physical DDM not allowed.
Expl.	A file number for a physical VSAM DDM may only be used once.
Actn.	Use another file number, or specify "yes" for a Replace option.

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Natural System Error Messages NAT4051-NAT4100

NAT4051: File related to user DDM does not exist.

Text	File related to user DDM does not exist.
Expl.	A VSAM user DDM is refers to a physical VSAM DDM which does not exist. A logical user DDM must have the same file number as the physical file.
Actn.	Correct the file number or create an appropriate physical VSAM DDM.

NAT4052: There is no physical file with the given number.

Text	There is no physical file with the given number.
Expl.	A VSAM DDM logically refers to a physical VSAM DDM which does not exists.
Actn.	Create an appropriate physical VSAM DDM or logically relate the DDM to another physical VSAM DDM.

NAT4053: Logical file must be of type KSDS or VRDS.

Text	Logical file must be of type KSDS or VRDS.
Actn.	Change the logical file type.

NAT4054: File number missing for related physical file.

Text	File number missing for related physical file.
Actn.	Enter a file number.

NAT4055: DDM too large, not enough size.

Text	DDM too large, not enough size.
Expl.	During a CHECK or CAT operation, a DDM is temporarily stored in an internal buffer. There is not enough space available to allocate this buffer.
Actn.	Reduce other Natural buffer sizes (e.g. ESIZE), reduce the size of the DDM, or contact your Natural administrator.

NAT4056: Primary key invalid for ESDS files.

Text	Primary key invalid for ESDS files.
Actn.	Remove the primary-key field.

NAT4057: RRDS files must not contain any key.

Text	RRDS files must not contain any key.
Actn.	Remove the key.

NAT4058: Duplicate long field name :1: not allowed.

Text	Duplicate long field name ... not allowed.
Expl.	There are two DDM fields with the same long name. This is not allowed.
Actn.	Change the long name of one of the DDM fields.

NAT4059: :1:

Text	...
Expl.	No detailed explanation available.

NAT4060: KSDS file must contain at least one primary key.

Text	KSDS file must contain at least one primary key.
Actn.	Insert a primary key in the KSDS DDM.

NAT4061: Alternate index name valid only for types "A", "X".

Text	Alternate index name valid only for types "A", "X".
Expl.	An alternate index is specified for a field, but the descriptor column of the field is not marked with "A" or "X".
Actn.	Correct error.

NAT4062: Value for :1: must be "Y" or "N".

Text	Value for ... must be "Y" or "N".
Expl.	The value for an input field must be "Y" or "N".
Actn.	Enter "Y" or "N", or contact your Natural administrator.

NAT4063: :1: must not be blank.

Text	... must not be blank.
Actn.	Enter a value other than blank, or contact a Natural administrator.

NAT4064: :1: must be :2:.

Text	... must be ....
Expl.	No detailed explanation available.

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NAT4065: Catalog :1: disallowed by security definition.

Text	Catalog ... disallowed by security definition.
Expl.	You do not have the privileges in Natural Security to catalog this DDM.
Actn.	Specify another DDM name, or contact your Natural Security administrator

NAT4066: Catalog DDM disallowed for SYSDDM utility.

Text	Catalog DDM disallowed for SYSDDM utility.
Expl.	You do not have the privileges to catalog a DDM with the SYSDDM utility.
Actn.	Contact your Natural Security administrator.

NAT4067: Code "C" not supported. :1:

Text	Code "C" not supported. ...
Expl.	An internal error during a call to Natural Security occurred. Code "C" for the cataloging of DDMs is not known to Natural Security. Natural Security issued a response code as indicated in the error message.
Actn.	Contact your Natural Security administrator.

NAT4068: Duplicate short name :1: not allowed.

Text	Duplicate short name ... not allowed.
Expl.	It is not allowed for this DDM to use a short name more than once.
Actn.	Change the short name of a field.

NAT4069: S-Descriptor :1: must not refer to PE/MU field :2:.

Text	S-Descriptor ... must not refer to PE/MU field ....
Expl.	The master field of a super- or subdescriptor must not be a periodic-group or multiple-value field.
Actn.	Change the super- or subdescriptor.

NAT4070: Creator not found in DDM name, check against table not possible.

Text	Creator not found in DDM name, check against table not possible.
Expl.	The DDM name of an SQL DDM is supposed to consist of the creator name and the table name separated by a "-". If the creator and table name cannot be identified, the SQL DDM cannot be checked against a SQL table. Note that there is no check against the SQL table when you catalog the DDM.
Actn.	Use a DDM name which consists of a creator name and a table name separated by a hyphen "-".

NAT4071: Return code :1: after Adabas LF-command.

Text	Return code ... after Adabas LF-command.
Expl.	An Adabas LF-command was issued to retrieve the field characteristics of a FDT. A non-zero return code was received after the call.
Actn.	Check the file number of the FDT, or contact a Natural administrator.

NAT4072: This command is disallowed.

Text	This command is disallowed.
Expl.	There was an attempt to perform a function which is disallowed by Natural Security.
Actn.	Contact your Natural Security administrator.

NAT4073: Specify table name and creator name.

Text	Specify table name and creator name.
Expl.	The creator name or the table name of a SQL table was missing during an attempt to generate a DDM from a SQL table.
Actn.	Make sure both the creator name and the table name are specified.

NAT4074: Table :1: created by :2: not found.

Text	Table ... created by ... not found.
Expl.	The SQL table from which you wanted to create a DDM was not found.
Actn.	Either create the SQL table, or issue the correct creator name and table name.

NAT4075: Too many columns for view (< 750).

Text	Too many columns for view (< 750).
Expl.	The SQL table from which you wanted to generate a DDM has too many columns. The maximum number of columns is 750.
Actn.	Reduce the number of columns in the table.

NAT4076: Error :1: parsing SQL View (NATG0301).

Text	Error ... parsing SQL View (NATG0301).
Expl.	The error occurred during a check of a view for updateable fields. There may be an error in the view definition.
Actn.	Contact your Natural administrator.

NAT4077: Table :1: has no columns.

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Text	Table ... has no columns.
Expl.	An attempt was made to generate a DDM from an SQL table which has no columns.
Actn.	Contact your Natural administrator.

NAT4078: Too many columns - cannot generate short names.

Text	Too many columns - cannot generate short names.
Expl.	There is a limited number of short names for key fields and non-key fields in SQL DDMs. The maximum number of one kind of field has been exceeded.
Actn.	Reduce the number of columns in the SQL table.

NAT4079: Invalid database number.

Text	Invalid database number.
Expl.	A database number was issued which is not valid in the context.
Actn.	Enter another database number.

NAT4080: DDM already defined on database other than DB2.

Text	DDM already defined on database other than DB2.
Expl.	You were trying to catalog a DDM whose name already exists, although not for DB2.
Actn.	Use another name for the DDM.

NAT4081: DB2 not active, DDM cannot be tested.

Text	DB2 not active, DDM cannot be tested.
Expl.	An attempt was made to check a DB2 DDM against the DB2 database, but Natural has detected that DB2 is not active.
Actn.	Contact your Natural administrator.

NAT4082: Null indicator must be of type I2.

Text	Null indicator must be of type I2.
Expl.	A null indicator is not of the required format and length.
Actn.	Change the format and/or length of the null indicator.

NAT4083: The format of a long alpha field must be A253.

Text	The format of a long alpha field must be A253.
Actn.	Change the format/length of the field.

NAT4084: Null indicator is a descriptor.

Text	Null indicator is a descriptor.
Expl.	The null indicator is defined as a descriptor, but the null indicator field in the DDM is not a descriptor.
Actn.	Define the null indicator field of the DDM as a descriptor.

NAT4085: A null indicator and its field must have equal short name.

Text	A null indicator and its field must have equal short name.
Expl.	The short name of a field and the short name of the corresponding null indicator must be the same.
Actn.	Change the short name of the null indicator.

NAT4086: Invalid null indicator field name.

Text	Invalid null indicator field name.
Expl.	The long name of a null indicator must be the long name of the corresponding field prefixed by N@.
Actn.	Change the long name of the null indicator.

NAT4087: Format must be binary (B).

Text	Format must be binary (B).
Expl.	The format of a field was found to be binary when the DDM was checked against the database.
Actn.	Change the format of the field to binary.

NAT4090: CMZUL :2: with response code :1:.

Text	CMZUL ... with response code ....
Expl.	There has been an error calling the CMZUL editor.
Actn.	Contact your Natural administrator.

NAT4091: Invalid file number.

Text	Invalid file number.
Expl.	A file number in the range from 1 to 5000 must be entered.
Actn.	Enter a valid file number.

NAT4092: CICS file name missing.

Text	CICS file name missing.

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NAT4093: Only K,E,R,V (file-org); Y,N (compress); F,C (zone) allowed.

Text	Only K,E,R,V (file-org); Y,N (compress); F,C (zone) allowed.

NAT4094: Y (compress) only allowed for KSDS, ESDS and VRDS files.

Text	Y (compress) only allowed for KSDS, ESDS and VRDS files.

NAT4095: Invalid command, please enter valid command.

Text	Invalid command, please enter valid command.
Expl.	A command has been entered which is not valid.
Actn.	Make sure to enter a valid command.

NAT4096: Element length cannot be greater than :1:.

Text	Element length cannot be greater than ....
Expl.	For a field, a length has been entered which is longer than the maximum for this field type.
Actn.	Check and enter correct length.

NAT4097: Function cancelled.

Text	Function cancelled.
Expl.	A function has been cancelled by the user.
Actn.	No action required.

NAT4098: Database ID :1: not valid for DB2 tables.

Text	Database ID ... not valid for DB2 tables.
Actn.	Enter or select a valid database ID.

NAT4099: Not allowed to write a Super Natural user file.

Text	Not allowed to write a Super Natural user file.
Expl.	A Super Natural user file will be generated by a Super Natural application. You can read or list the file and store or backup it with another file type. But it is not allowed to change it, because the Super Natural application which uses the file may not longer run.

NAT4100: Please specify a file name.

Text	Please specify a file name.
Expl.	If the function LIST FILE is selected, a file name must be specified.
Actn.	Enter function and file name.

Natural System Error Messages NAT4101-NAT4150

NAT4101: Currently no program in source work area.

Text	Currently no object in source work area.
Expl.	If you issue the LIST command without any parameters, the source of the object currently residing in the source work area will be listed. However, the source work area is currently empty.
Actn.	With the LIST command, specify the name of the object to be listed.

NAT4102: Input value(s) for line selection must be numeric.

Text	Input value(s) for line selection must be numeric.
Expl.	Only a numeric value may be specified for selected lines of a program to be listed.
Actn.	Enter a numeric value for line selection.

NAT4103: Scan function for cross-reference requires scan value.

Text	Scan function for cross-reference requires scan value.
Expl.	The cross-reference for a value can only be evaluated if an alphanumeric constant has been specified as value.
Actn.	Enter a scan value.

NAT4104: Invalid LIST subcommand.

Text	Invalid LIST subcommand.
Expl.	An invalid subcommand was specified for the LIST function. Use the HELP command to get an overview of valid commands.
Actn.	Enter a valid LIST subcommand.

NAT4105: Cross-reference table overflow.

Text	Cross-reference table overflow.
Expl.	The internal table to hold the cross-reference list can only hold up to 240 references. For the specified value, however, more references exist.
Actn.	Use a more specific value for reference.

NAT4106: Line number out of range; listing will be from 1st line.

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Text	Line number out of range; listing will be from 1st line.
Expl.	A line number was specified that does not exist in the program. The LIST function will list the program from the beginning.
Actn.	Enter correct line number.

NAT4107: Program terminated abnormally.

Text	Program terminated abnormally.
Expl.	In batch mode, the execution of a program was terminated abnormally. The reason for the error is displayed in the batch output list above this message.
Actn.	See reason for error in output list.

NAT4108: * NAT4108 - ERROR MESSAGE NOT AVAILABLE ***

NAT4109: * NAT4109 - ERROR MESSAGE NOT AVAILABLE ***

NAT4110: Selected number is out of range.

Text	Selected number is out of range.
Expl.	Only file references of file names that are displayed for selection can be referenced. The specified number is out of range.
Actn.	Enter correct selection number.

NAT4111: * NAT4111 - ERROR MESSAGE NOT AVAILABLE ***

NAT4112: * NAT4112 - ERROR MESSAGE NOT AVAILABLE ***

NAT4113: * NAT4113 - ERROR MESSAGE NOT AVAILABLE ***

NAT4114: * NAT4114 - ERROR MESSAGE NOT AVAILABLE ***

NAT4115: Line number not numeric; listing will be from first line.

Text	Line number not numeric; listing will be from first line.
Expl.	A specification for a line number selection was not numeric. The program will be listed from the beginning.
Actn.	Enter correct number for line selection.

NAT4116: Starting number greater than highest existing line number.

Text	Starting number greater than highest existing line number.
Expl.	The line number specified for positioning was greater than the highest line number existing in the program. The program will be listed from the beginning.
Actn.	Enter a correct line number.

NAT4117: * NAT4117 - ERROR MESSAGE NOT AVAILABLE ***

NAT4118: * NAT4118 - ERROR MESSAGE NOT AVAILABLE ***

NAT4119: Selected program does not exist in specified library.

Text	Selected program does not exist in specified library.
Expl.	The program selected by the specified program name does not exist in the specified library.
Actn.	Enter correct program name.

NAT4120: * NAT4120 - ERROR MESSAGE NOT AVAILABLE ***

NAT4121: Only one program can be selected for editing.

Text	Only one program can be selected for editing.
Expl.	The selection menu allows only one program to be selected for editing. It is possible to select multiple programs for cataloging, purging, scratching, listing, etc.
Actn.	Select only one program for editing.

NAT4122: Selected number out of range for LIST PROGRAM.

Text	Selected number out of range for LIST PROGRAM.
Expl.	Only program numbers displayed on the selection menu may be selected.
Actn.	Enter valid selection number.

NAT4123: The current library does not contain any source programs.

Text	The current library does not contain any source programs.
Actn.	Check program and correct error.

NAT4124: * NAT4124 - ERROR MESSAGE NOT AVAILABLE ***

NAT4125: The requested file description is not available.

Text	The requested file description is not available.
Expl.	The file description which has been specified for listing does not exist.
Actn.	Check program and correct error; specify correct file name.

NAT4126: Requested field name not found in DDM.

Text	Requested field name not found in DDM.
Expl.	The requested field name was not found in the DDM. Only the Natural field long names are recognized.
Actn.	Enter "--" to position to the top of the DDM.

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NAT4127: Invalid LIST FILE command.

Text	Invalid LIST FILE command.
Expl.	An invalid LIST FILE command was used in the split-screen editor.
Actn.	Enter "?" for help information on valid commands.

NAT4128: File description listing will be truncated.

Text	File description listing will be truncated.
Expl.	The size of the DDM to be listed is too large.
Actn.	Check program and correct error.

NAT4129: No scan value specified.

Text	No scan value specified.
Expl.	In split-screen mode, you have to specify a value to be scanned for with the command "S SC value", before you can enter the command "S SC=" to repeat the scan.
Actn.	Enter correct command.

NAT4130: Only local commands allowed.

Text	Only local commands allowed.
Expl.	In this part of the application only local commands are allowed.
Actn.	Use help function on command line.

NAT4131: The library was empty, no programs were purged.

Text	The library was empty, no programs were purged.
Expl.	The PURGE command was issued for a library which does not contain any source programs.
Actn.	Check program and correct error.

NAT4132: No command available for LAST command.

Text	No command available for LAST command.
Expl.	The LAST command is used to display the command(s) that was/were issued last. However, when you issued the LAST command, there was no command issued before.
Actn.	No action required.

NAT4133: The command requested with LAST is not available.

Text	The command requested with LAST is not available.
Expl.	With the command LAST, you have requested a specific command; however, this specific command is not available.
Actn.	Issue the command "LAST *" for a list of the last 9 commands that have been issued.

NAT4134: Invalid command selection.

Text	Invalid command selection.
Expl.	In the window invoked with "LAST *", you can select commands as follows: - To execute a single command again, mark the command with any character and press ENTER; or mark the command with the cursor and press PF5. - To excute several commands, mark them with numbers in the order in which you wish them to be executed again and press ENTER; the commands will then be executed in ascending order of numbers. This error has occurred because you have used the same number twice, or have marked one of the commands with a letter instead of a number.
Actn.	Select commands correctly.

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Natural System Error Messages NAT4201-NAT4250

NAT4201: The file number must be in the range 1 - 5000.

Text	The file number must be in the range 1 - 5000.
Expl.	The database file number must be in the range from 1 to 5000.
Actn.	Enter correct file number.

NAT4202: First character of file name must be alphabetical.

Text	First character of file name must be alphabetical.
Expl.	A valid file name must begin with an alphabetical character, and may be constructed according to the rules for variable names (as described in the section on user-defined variables in the Natural Reference documentation).
Actn.	Enter correct file name.

NAT4203: A file name must be specified.

Text	A file name must be specified.
Expl.	For the CATALOG function, which requires a file name, no file name was specified.
Actn.	Enter a valid file name.

NAT4204: Level must be higher than previous level.

Text	Level must be higher than previous level.
Actn.	Check and correct the level.

NAT4205: Invalid characters in file name.

Text	Invalid characters in file name.
Expl.	A file name must be constructed according to the rules for variable names (see section on user-defined variables in the Natural Reference documentation).
Actn.	Enter a correct file name.

NAT4206: Invalid name for the "default sequence" field.

Text	Invalid name for the "default sequence" field.
Expl.	An invalid name was specified for the default sequence descriptor. The default descriptor must be specified as the 2-character short name of a field which must exist as a descriptor in the global database file definition.
Actn.	Enter correct name for default sequence descriptor.

NAT4207: Invalid database field name for coupling field.

Text	Invalid database field name for coupling field.
Expl.	The field name specified for the coupling relation must be specified as a 2-character short name and must begin with an alphabetical character. The field to be used for the coupling relation must exist in the global database file definition.
Actn.	Enter correct name for coupling field.

NAT4208: Invalid field name for coupling field (columns S + D).

Text	Invalid field name for coupling field (columns S + D).
Expl.	The name for the coupling field must be specified as a 2-character database field name beginning with an alphabetical character and must exist in the global file definition. The value for the coupling field name must be entered in the columns with headings S and D (one character each).
Actn.	Enter correct coupling field name.

NAT4209: Coupled file number not numeric.

Text	Coupled file number not numeric.
Expl.	The identification of the coupled file must be entered as the file number in the database. The identification must be a valid file number in the range from 1 to 255. It must be entered in the field with heading "LENG".
Actn.	Enter correct coupling file number.

NAT4210: Occurrence must be 1-99 (per.group), 1-191 (mult.field).

Text	Occurrence must be 1-99 (per.group), 1-191 (mult.field).
Expl.	The specified value for the occurrence is not correct. Only values greater than 1 and less than or equal to 99 are allowed for a periodic group; and greater than 1 and less than or equal to 191 for a multiple-value field.
Actn.	Enter correct value for occurrence.

NAT4211: Database short field name must be specified (column DB).

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Text	Database short field name must be specified (column DB).
Expl.	The specification of a field requires a database short field name. The short field name must be 2 characters long and begin with an alphabetical character.
Actn.	Enter correct field short name.

NAT4212: Field long name must be specified (column NAME).

Text	Field long name must be specified (column NAME).
Expl.	The specification of a field requires a long name to be specified for a field. The long name must begin with an alphabetical character and must be constructed according to the rules for variable names (see section on user-defined variables in the Natural Reference documentation).
Actn.	Enter valid long field name.

NAT4213: First character of field long name must be alphabetical.

Text	First character of field long name must be alphabetical.
Expl.	The first character of a field"s long name must be alphabetical.
Actn.	Enter a valid long name for the field.

NAT4214: Field format (column F) must be A,B,I,N,P,F,D,T or L.

Text	Field format (column F) must be A,B,I,N,P,F,D,T or L.
Expl.	Only one of the following formats may be specified for a database field: A - alphanumeric B - binary I - integer N - numeric unpacked P - packed numeric F - floating point D - date T - time L - logical
Actn.	Enter a valid format.

NAT4215: Length of alphanumeric field must be 1 - 253.

Text	Length of alphanumeric field must be 1 - 253.
Expl.	Alphanumeric fields can only have a length of up to 253 characters.
Actn.	Enter a valid field length.

NAT4216: The length of a numeric field must be 1 - 29.

Text	The length of a numeric field must be 1 - 29.
Expl.	The maximum length for a numeric field is 29 digits. The length for a numeric field is always specified in digits.
Actn.	Enter valid numeric length.

NAT4217: VSAM descriptor can only be "P","S","A","X" or blank.

Text	VSAM descriptor can only be "P","S","A","X" or blank.
Expl.	A character other than "P", "S", "A", "X" or blank has been specified to mark a field as a descriptor field.
Actn.	Enter correct character (P, S, A, X or blank).

NAT4218: Specification of field length must be numeric.

Text	Specification of field length must be numeric.
Expl.	The specification for the field length must be numeric in the form "nn.m", where "nn" represents the digits before and "m" the digits after the decimal character.
Actn.	Enter correct length.

NAT4219: Field long name must consist of at least 3 characters.

Text	Field long name must consist of at least 3 characters.
Expl.	The long name for a field must consist of 3 or more characters.
Actn.	Enter valid field long name.

NAT4220: Invalid characters in long name.

Text	Invalid characters in long name.
Expl.	Long field names must be constructed according to the rules for variable names and must begin with an alphabetical character (see section on user-defined variables in the Natural Reference documentation).
Actn.	Enter valid field long name.

NAT4221: Invalid database short name (column DB).

Text	Invalid database short name (column DB).
Expl.	The field short name must have 2 characters and must begin with an alphabetical character. The field short name must not be "E0" to "E9".
Actn.	Enter valid database short name.

NAT4222: Length of a binary field must be 1 - 126.

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Text	Length of binary field must be 1 - 126.
Expl.	Binary fields can only have a length between 1 and 126.
Actn.	Correct the length value of the field.

NAT4223: Field type (column T) must be "*", "P", "G", "M", blank.

Text	Field type (column T) must be "*", "P", "G", "M", blank.
Expl.	Valid field types to be specified in column T are: * - comment line P - periodic group G - group of fields M - multiple-value field " " - elementary field
Actn.	Enter valid field type.

NAT4224: Special options or descriptor entered for group.

Text	Special options or descriptor entered for group.
Expl.	For a field group, no special options or "D" (for descriptor) can be specified. Special options must be specified for the individual fields.
Actn.	Do not enter special options for field groups.

NAT4225: Invalid level. Level must be 1 - 7.

Text	Invalid level. Level must be 1 - 7.
Expl.	Field levels can only be 1 - 7.
Actn.	Enter valid level number.

NAT4226: Periodic group within periodic group is not allowed.

Text	Periodic group within periodic group is not allowed.
Expl.	Periodic groups cannot be nested; i.e., a periodic group must not contain another periodic group.
Actn.	Check program and correct error.

NAT4227: Edit mask must not be specified for a group.

Text	Edit mask must not be specified for a group.
Expl.	No edit mask specification is allowed for a field (periodic) group. Edit masks can only be specified for individual fields.
Actn.	Check program and correct error.

NAT4228: Format must not be specified for a group.

Text	Format must not be specified for a group.
Expl.	For a group, no format can be specified. Formats can only be specified for individual fields.
Actn.	Check program and correct error.

NAT4229: Length must not be specified for a group.

Text	Length must not be specified for a group.
Expl.	For a field group, no length can be specified. Field lengths may only be specified for individual fields.
Actn.	Check program and correct error.

NAT4230: Special option (column S) must be "N", "F", or blank.

Text	Special option (column S) must be "N", "F", or blank.
Expl.	Valid special options are: N - null-value suppression F - fixed field length " " - normal
Actn.	Enter valid special option.

NAT4231: Coupled file entries must be specified at start of DDM.

Text	Coupled file entries must be specified at start of DDM.
Expl.	Coupled file entries must be specified at the start of the DDM.
Actn.	Enter the coupled file entries at the start of the DDM.

NAT4232: Alternate index missing for VSAM, ISAM or LEASY.

Text	Alternate index missing for VSAM, ISAM or LEASY.
Expl.	If the descriptor is "A", an alternate index must be specified.
Actn.	Enter the alternate index.

NAT4233: Occurrence must be greater than "1".

Text	Occurrence must be greater than "1".
Expl.	For a periodic group or a multiple-value field, only an occurrence greater than "1" is permitted.
Actn.	Enter correct value for the occurrence.

NAT4234: Multiple-value field within periodic group not allowed.

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Text	Multiple-value field within periodic group not allowed.
Expl.	In VSAM processing, a periodic group must not contain a multiple-value field.
Actn.	Change the field in the DDM.

NAT4235: Multiple-value field cannot be a descriptor.

Text	Multiple-value field cannot be a descriptor.
Expl.	For VSAM processing, a multiple-value field cannot be a descriptor.
Actn.	Change the field type, or remove the descriptor indication.

NAT4236: Occurrence missing for periodic group.

Text	Occurrence missing for periodic group.
Expl.	In VSAM processing, an occurrence greater than "1" must be specified for a periodic group.
Actn.	Enter the correct occurrence.

NAT4237: Alternate index not allowed for group or periodic group.

Text	Alternate index not allowed for group or periodic group.
Expl.	In VSAM processing, an alternate index is not allowed for a group or a periodic group.
Actn.	Change type of field, or do not specify an alternate index.

NAT4238: Coupled file entry not allowed.

Text	Coupled file entry not allowed.
Expl.	In VSAM processing, coupled file entries in the DDM are not allowed.
Actn.	Remove the coupled file entries.

NAT4239: Illegal characters in alternate index file name.

Text	Illegal characters in alternate index file name.
Expl.	The correct syntax for the alternate index file name requires that the first character be alphanumeric; the following characters may either be alphanumeric or numeric.
Actn.	Enter correct file name.

NAT4240: DBID numbers must exclude one another.

Text	DBID numbers must exclude one another.
Expl.	When copying files, the database identifications (DBIDs) of the files must be different from one another.
Actn.	Enter correct DBID.

NAT4241: Primary key has been defined twice.

Text	Primary key has been defined twice.
Expl.	In VSAM processing, only one field may be specified as primary key.
Actn.	Define only one primary key.

NAT4242: Type must be blank.

Text	Type must be blank.
Expl.	In VSAM processing, the type of the field where the primary key is specified must be specified with a blank character.
Actn.	Change type to a blank character.

NAT4243: Primary key has not been specified.

Text	Primary key has not been specified.
Expl.	In VSAM processing, one primary key must be specified in the DDM.
Actn.	Enter one primary key field.

NAT4244: Duplicate name in DDM not possible.

Text	Duplicate name in DDM not possible.
Expl.	There is a name in the DDM which is specified twice.
Actn.	Change the name which is specified twice.

NAT4245: The CICS file name is missing.

Text	The CICS file name is missing.
Expl.	The CICS file name in the definition of the file entry is missing.
Actn.	Enter the CICS file name.

NAT4246: Only "Y" or "N" may be entered in this field.

Text	Only "Y" or "N" may be entered in this field.
Expl.	In this field, you may only enter "Y" (for YES) or "N" (for NO).
Actn.	Enter "Y" or "N".

NAT4247: Periodic group is not in FDT.

Text	Periodic group is not in FDT.
Expl.	There is a periodic group specified in the DDM which does not appear in the corresponding Field Description Table (FDT).
Actn.	Check DDM for the specified periodic group.

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NAT4248: Use unique key flag/null flag only for VSAM upgrade.

Text	Use unique key flag/null flag only for VSAM upgrade.
Expl.	The unique key flag and the null flag can only be specified if the upgrade flag has been signed. This is only meaningful if the field has an alternate index.
Actn.	Specify correct combination of flags.

NAT4249: Invalid format or length.

Text	Invalid format or length.
Expl.	Only the following format/length combinations are valid: - INTEGER (I4) - FLOAT (F4/F8) - DATE - TIME - LOGICAL (L1).
Actn.	Check DDM and correct error.

NAT4250: Invalid character in descriptor option.

Text	Invalid character in descriptor option.
Expl.	In column D, only the following values are allowed: D - descriptor S - subdescriptor or superdescriptor P - phonetic descriptor " " - not a descriptor And for VSAM files: P - primary index A - alternate index
Actn.	Enter valid descriptor option.

Natural System Error Messages NAT4251-NAT4300

NAT4251: Invalid action code specified.

Text	Invalid action code specified.
Expl.	Only the action codes displayed on the selection menu may be specified.
Actn.	Enter valid action code.

NAT4252: LIST function executed.

Text	LIST function executed.
Actn.	No action required.

NAT4253: Invalid file number specified.

Text	Invalid file number specified.
Expl.	The database file number must be specified as a number between 1 and 5000.
Actn.	Enter a valid file number.

NAT4254: DBID numbers must be different and cannot be "0".

Text	DBID numbers must be different and cannot be "0".
Expl.	The database number must be specified as a number between 1 and 65535 (DBID=254 indicates a VSAM file; DBID=255 indicates a logical file).
Actn.	Enter a valid database number.

NAT4255: File definition does not exist in data dictionary.

Text	File definition does not exist in data dictionary.
Expl.	The referenced file definition cannot be found in the data dictionary. Either a wrong name was specified or the data dictionary entry has not yet been defined.
Actn.	Enter valid file name from data dictionary.

NAT4256: Invalid type of system file.

Text	Invalid type of system file.
Expl.	The following values are valid for specifying the type of system file: A - Adabas system file V - VSAM system file
Actn.	Specify correct value for system file type.

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NAT4257: Invalid name for VSAM system file.

Text	Invalid name for VSAM system file.
Expl.	A valid name for the VSAM system file is required. This name is the same as specified in the Natural parameter module with the VSAM parameter (VSAM=name of VSAM system file).
Actn.	Specify correct name of VSAM system file.

NAT4258: Source and target destination must be different.

Text	Source and target destination must be different.
Expl.	When copying programs, modules, or DDMs with the Natural utilities SYSMAIN or SYSDDM, a valid source and target destination must be specified. Target destinations may be DBID, FNR, System File Type, or System File Name (in case of VSAM system file). The source and target destination may not have the same values.
Actn.	Specify correct source and target destination.

NAT4259: DDM length exceeds 64K.

Text	DDM length exceeds 64K.
Expl.	The length of a DDM may not exceed 64K.
Actn.	Reduce the size of the DDM.

NAT4260: * NAT4260 - ERROR MESSAGE NOT AVAILABLE ***

NAT4261: View cannot be read/listed; FSIZE is too small.

Text	View cannot be read/listed; FSIZE is too small.
Expl.	The view that is to be read/listed is too large to fit into the current File Buffer. This error may occur when reading a view with an online utility, listing a view with a command, or incorporating a view into a Natural object with an editor.
Actn.	Reduce the specifications in the file definition, or increase the value for the FSIZE parameter.

NAT4262: File definition already exists in data dictionary.

Text	File definition already exists in data dictionary.
Expl.	A duplicate name for a file definition entry in the data dictionary was specified.
Actn.	Enter different file name or delete existing entry. If necessary, use the REPLACE option to overwrite the existing file definition.

NAT4263: Dupl. file number for physical DDM not allowed.

Text	Dupl. file number for physical DDM not allowed.
Expl.	The file number for a physical DDM must be unique. Duplicate file numbers are only allowed in the case of user views where the file number must be the same for the user view and the related physical (logical) DDM.
Actn.	Correct the file number or. in the case of a user view, specify "USERVIEW=Y" in the DDM.

NAT4264: There is no physical file with the given file number.

Text	There is no physical file with the given file number.
Expl.	In constructing a logical file, during the CATALOG action, you have to specify the file number of the related physical file.
Actn.	Either specify another file number or create a file with this number.

NAT4265: File related to the user view does not exist.

Text	File related to the user view does not exist.
Expl.	The file number used during user view creation must represent an existing physical file.
Actn.	Use correct file number.

NAT4266: Logical file must be of type KSDS or VRDS.

Text	Logical file must be of type KSDS or VRDS.

NAT4267: File number is missing for related physical file :1:.

Text	File number is missing for related physical file ....
Expl.	Each logical file must refer to a physical file.
Actn.	Check file number.

NAT4268: Only K,E,R,V (file-org); Y,N (compression) allowed.

Text	Only K,E,R,V (file-org); Y,N (compression) allowed.
Expl.	For File Organisation, you can only enter K,E,R,V. For Compression, you can only enter Y=yes, N=no.
Actn.	Enter a valid value.

NAT4269: Y (compression) only allowed for KSDS, ESDS, VRDS files.

Text	Y (compression) only allowed for KSDS, ESDS, VRDS files.

NAT4270: Duplicate long field name not allowed.

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Text	Duplicate long field name not allowed.
Expl.	Long names of fields must be unique.

NAT4271: Error not directly corrigible. Press ENTER to edit DDM.

Text	Error not directly corrigible. Press ENTER to edit DDM.
Expl.	The error cannot be corrected interactively while processing the file definition.
Actn.	Use the editor to correct the error, and then repeat the desired action.

NAT4272: Periodic group cannot be descriptor or have special optn.

Text	Periodic group cannot be descriptor or have special option.
Expl.	For a periodic group, a descriptor or a value for the special option must not be specified.
Actn.	Check whether the field is a group; if it is and should be, specify no values for descriptor and/or special option.

NAT4273: * NAT4273 - ERROR MESSAGE NOT AVAILABLE ***

NAT4274: Field is not member of this periodic group.

Text	Field is not member of this periodic group.
Actn.	Correct the field (level).

NAT4275: Field is member of a periodic group.

Text	Field is member of a periodic group.
Actn.	Correct field.

NAT4276: * NAT4276 - ERROR MESSAGE NOT AVAILABLE ***

NAT4277: Field is not a multiple-value field.

Text	Field is not a multiple-value field.
Expl.	In the FDT (Field Description Table), the field is not a multiple-value field.
Actn.	Specify the correct type of the field.

NAT4278: Level number must be incremented consecutively.

Text	Level number must be incremented consecutively.
Expl.	The difference between two level numbers must be "1".
Actn.	Correct the level number.

NAT4279: The field specified in the DDM is not in the FDT.

Text	The field specified in the DDM is not in the FDT.
Expl.	The field specified in the DDM does not exist in the corresponding Field Description Table (FDT).
Actn.	Check whether the correct field has been specified.

NAT4280: Format must be alphanumeric (A).

Text	Format must be alphanumeric (A).
Expl.	In the FDT, the format is specified as alphanumeric, and the format in the DDM must be the same as in the FDT.
Actn.	Change the format to alphanumeric (A).

NAT4281: Primary key definition invalid for ESDS files.

Text	Primary key definition invalid for ESDS files.
Expl.	Please refer to IBM literature for details.

NAT4282: RRDS files may not contain any keys.

Text	RRDS files may not contain any keys.
Expl.	Please refer to IBM literature for details.

NAT4283: KSDS file must contain at least one primary key.

Text	KSDS file must contain at least one primary key.
Expl.	Please refer to the IBM literature for details.

NAT4284: * NAT4284 - ERROR MESSAGE NOT AVAILABLE ***

NAT4285: Periodic group must be specified with "P".

Text	Periodic group must be specified with "P".
Expl.	The indicator for a periodic group is "P".
Actn.	Specify the correct type, "P".

NAT4286: * NAT4286 - ERROR MESSAGE NOT AVAILABLE ***

NAT4287: Field is not a descriptor.

Text	Field is not a descriptor.
Expl.	A wrong character has been specified in the descriptor field.
Actn.	Specify correct character for descriptor field: " " or "D".

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NAT4288: A group must contain at least one field.

Text	A group must contain at least one field.
Expl.	A group must contain at least one field, or another group.
Actn.	Check the level or add fields to the group.

NAT4289: You are not allowed to LIST or CATALOG this DDM.

Text	You are not allowed to LIST or CATALOG this DDM.
Expl.	You are not linked to the file in the Natural Security System and, therefore, not allowed to LIST or CATALOG the DDM.
Actn.	Contact your Natural Security administrator.

NAT4290: You are not authorized to catalog this DDM.

Text	You are not authorized to catalog this DDM.
Expl.	Natural SECRITY does not allow you to catalog this DDM.
Actn.	Contact your Natural Security administrator.

NAT4291: Do not specify both, edit command and line command.

Text	Do not specify both, edit command and line command.
Expl.	When editing, only one command may be specified, either in a source line or in the command line.
Actn.	Press ENTER to eliminate line command.

NAT4292: Line subcommand outside source lines.

Text	Line subcommand outside source lines.
Expl.	A line subcommand may only be entered in one of the source lines that are displayed for editing.
Actn.	Enter line command in a source line.

NAT4293: Invalid positioning number.

Text	Invalid positioning number.
Expl.	A positioning action was requested, but the position number was specified incorrectly.
Actn.	Enter valid position number.

NAT4294: No line has been marked with "X".

Text	No line has been marked with "X".
Expl.	A MOVE, COPY, SHIFT, or X subcommand was used, but no line was marked with "X".
Actn.	Mark a line with "X" before referencing it.

NAT4295: No line has been marked with "Y".

Text	No line has been marked with "Y".
Expl.	A MOVE, COPY, or SHIFT command was specified, but no line was marked with "Y".
Actn.	Mark a line with "Y" before referencing it.

NAT4296: "Y" position must be after "X" position.

Text	"Y" position must be after "X" position.
Expl.	The "Y "position must always be located AFTER the "X" position in the program.
Actn.	Position "X" and "Y" correctly.

NAT4297: Copied/moved lines overlap target line.

Text	Copied/moved lines overlap target line.
Expl.	A MOVE/COPY line command can only be executed if the target position to which the lines are to be moved/copied is outside the range marked with the labels "X" and "Y".
Actn.	Reposition "X" or "Y", or move/copy to different target position.

NAT4298: Invalid label in MOVE command.

Text	Invalid label in MOVE command.
Expl.	Only "X" or "Y" may be used as labels in MOVE command.
Actn.	Enter valid label for MOVE command.

NAT4299: Invalid edit command. Enter "?" for help.

Text	Invalid edit command. Enter "?" for help.
Expl.	An invalid command was specified in the edit command line.
Actn.	Enter valid edit command. For information on valid edit commands, enter "?" for help.

NAT4300: * NAT4300 - ERROR MESSAGE NOT AVAILABLE ******

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Natural System Error Messages NAT4301-NAT4350

NAT4301: No line number space for insertion, renumbering.

Text	No line number space for insertion, renumbering.
Expl.	Line numbering does not allow for insertion of lines between the selected lines.
Actn.	Press ENTER to renumber or use specific RENUMBER command. Renumber the source before inserting.

NAT4302: * NAT4302 - ERROR MESSAGE NOT AVAILABLE ***

NAT4303: Edit field definition.

Text	Edit field definition.
Expl.	The detail specification for a field definition may be edited.
Actn.	Perform desired editing.

NAT4304: * NAT4304 - ERROR MESSAGE NOT AVAILABLE ***

NAT4305: * NAT4305 - ERROR MESSAGE NOT AVAILABLE ***

NAT4306: * NAT4306 - ERROR MESSAGE NOT AVAILABLE ***

NAT4307: * NAT4307 - ERROR MESSAGE NOT AVAILABLE ***

NAT4308: * NAT4308 - ERROR MESSAGE NOT AVAILABLE ***

NAT4309: * NAT4309 - ERROR MESSAGE NOT AVAILABLE ***

NAT4310: * NAT4310 - ERROR MESSAGE NOT AVAILABLE ***

NAT4311: * NAT4311 - ERROR MESSAGE NOT AVAILABLE ***

NAT4312: Requested file description not available.

Text	Requested file description not available.
Expl.	The file definition to be read cannot be found in the data dictionary.
Actn.	Enter correct input.

NAT4313: * NAT4313 - ERROR MESSAGE NOT AVAILABLE ***

NAT4314: * NAT4314 - ERROR MESSAGE NOT AVAILABLE ***

NAT4315: * NAT4315 - ERROR MESSAGE NOT AVAILABLE ***

NAT4316: * NAT4316 - ERROR MESSAGE NOT AVAILABLE ***

NAT4317: * NAT4317 - ERROR MESSAGE NOT AVAILABLE ***

NAT4318: * NAT4318 - ERROR MESSAGE NOT AVAILABLE ***

NAT4319: * NAT4319 - ERROR MESSAGE NOT AVAILABLE ***

NAT4320: * NAT4320 - ERROR MESSAGE NOT AVAILABLE ***

NAT4321: * NAT4321 - ERROR MESSAGE NOT AVAILABLE ***

NAT4322: Undefined command.

Text	Undefined command.
Actn.	Enter valid command; or enter "?" to invoke help information on valid commands.

NAT4323: No DDM with specified file number found.

Text	No DDM with specified file number found.
Expl.	There is no DDM with the given file number stored in the system file.
Actn.	Enter a correct file number.

NAT4324: End of list.

Text	End of list.
Expl.	The end of the file definition list was reached.
Actn.	Check program and correct error.

NAT4325: * NAT4325 - ERROR MESSAGE NOT AVAILABLE ***

NAT4326: * NAT4326 - ERROR MESSAGE NOT AVAILABLE ***

NAT4327: * NAT4327 - ERROR MESSAGE NOT AVAILABLE ***

NAT4328: * NAT4328 - ERROR MESSAGE NOT AVAILABLE ***

NAT4329: * NAT4329 - ERROR MESSAGE NOT AVAILABLE ***

NAT4330: * NAT4330 - ERROR MESSAGE NOT AVAILABLE ***

NAT4331: Enter "DELETE" or leave blank.

Text	Enter "DELETE" or leave blank.
Expl.	If the DELETE function is requested, you must confirm the desired deletion by entering the word "DELETE". If the deletion is not desired, leave the field blank.
Actn.	Enter correct input.

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NAT4332: Uncatalog action of file definition was not confirmed.

Text	Uncatalog action of file definition was not confirmed.
Actn.	Check program and correct error.

NAT4333: File definition does not exist in data dictionary.

Text	File definition does not exist in data dictionary.
Expl.	The specified file definition does not exist in the data dictionary.
Actn.	Enter valid name for file definition.

NAT4334: * NAT4334 - ERROR MESSAGE NOT AVAILABLE ***

NAT4335: * NAT4335 - ERROR MESSAGE NOT AVAILABLE ***

NAT4336: * NAT4336 - ERROR MESSAGE NOT AVAILABLE ***

NAT4337: * NAT4337 - ERROR MESSAGE NOT AVAILABLE ***

NAT4338: * NAT4338 - ERROR MESSAGE NOT AVAILABLE ***

NAT4339: * NAT4339 - ERROR MESSAGE NOT AVAILABLE ***

NAT4340: * NAT4340 - ERROR MESSAGE NOT AVAILABLE ***

NAT4341: DDM is linked and will be read from the system file.

Text	DDM is linked and will be read from the system file.
Expl.	The DDM which is to be read is linked. When you press ENTER, the DDM will be read from the system file into the source area.
Actn.	Press ENTER to read DDM. If you make any changes to the DDM, link it to the Natural nucleus again.

NAT4342: Help information has been displayed.

Text	Help information has been displayed.
Actn.	No action required.

NAT4343: DDM is linked, but cannot be accessed by SYSDDM.

Text	DDM is linked, but cannot be accessed by SYSDDM.
Expl.	The DDM to be read is linked to the Natural nucleus. However, it does not exist on the system file (FDIC) from which it is to be read, because either you are accessing the wrong system file or the DDM has been deleted from the system file.
Actn.	Make sure you use the correct system file.

Natural System Error Messages NAT4351-NAT4400

NAT4371: A database response code was received.

Text	A data base response code was received.
Actn.	Note the response code and contact your database administrator.

NAT4372: * NAT4372 - ERROR MESSAGE NOT AVAILABLE ***

NAT4373: Internal non-zero response code was received.

Text	Internal non-zero response code received.
Expl.	A non-zero response code was received from an internal subroutine.
Actn.	Note the error and contact Software AG Technical Support.

NAT4374: * NAT4374 - ERROR MESSAGE NOT AVAILABLE ***

NAT4375: * NAT4375 - ERROR MESSAGE NOT AVAILABLE ***

NAT4376: * NAT4376 - ERROR MESSAGE NOT AVAILABLE ***

NAT4377: * NAT4377 - ERROR MESSAGE NOT AVAILABLE ***

NAT4378: * NAT4378 - ERROR MESSAGE NOT AVAILABLE ***

NAT4379: * NAT4379 - ERROR MESSAGE NOT AVAILABLE ***

NAT4380: Correct field entry directly, or press ENTER for editing.

Text	Correct field entry line directly, or press ENTER for editing.
Expl.	You can correct the error directly while the file definition is being processed.
Actn.	Correct the error in the field entry.

NAT4390: The file definition has been cataloged.

Text	The file definition has been cataloged.
Expl.	The file definition has been cataloged and stored in the data dictionary.
Actn.	No action required.

NAT4391: File definition checked successfully against the database.

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Text	File definition checked successfully against the database.
Expl.	The file definition has been compared with the definition in the physical database and no inconsistencies between the two have been found.
Actn.	No action required.

NAT4392: The file definition for the file has been generated.

Text	The file definition for the file has been generated.
Expl.	The file definition for the data dictionary has been successfully generated from the physical file definition in the database. The file definition is now available in the work area.
Actn.	No action required.

NAT4393: The file definition has been read into the work area.

Text	The file definition has been read into the work area.
Expl.	The file definition has been read successfully from the data dictionary into the work area.
Actn.	No action required.

NAT4394: File list selection menu has been displayed.

Text	File list selection menu has been displayed.
Actn.	No action required.

NAT4395: The file definition has been uncataloged.

Text	The file definition has been uncataloged.
Expl.	The file definition has been uncataloged from the data dictionary.
Actn.	No action required.

NAT4396: * NAT4396 - ERROR MESSAGE NOT AVAILABLE ***

NAT4397: * NAT4397 - ERROR MESSAGE NOT AVAILABLE ***

NAT4398: * NAT4398 - ERROR MESSAGE NOT AVAILABLE ***

NAT4399: * NAT4399 - ERROR MESSAGE NOT AVAILABLE ***

NAT4400: * NAT4400 - ERROR MESSAGE NOT AVAILABLE ***

Natural System Error Messages NAT4401-NAT4450

NAT4401: * NAT4401 - ERROR MESSAGE NOT AVAILABLE ***

NAT4402: * NAT4402 - ERROR MESSAGE NOT AVAILABLE ***

NAT4403: * NAT4403 - ERROR MESSAGE NOT AVAILABLE ***

NAT4404: Error in internal subroutine.

Text	Error in internal subroutine.
Actn.	Note error and contact Software AG.

NAT4405: The selected number is out of range.

Text	The selected number is out of range.
Expl.	You may only select numbers for global variables that are displayed on the screen.
Actn.	Enter correct number for selection.

NAT4406: Number for selection of global variable is missing.

Text	Number for selection of global variable is missing.
Expl.	A number from the display screen must be entered to select a global variable for processing.
Actn.	Enter correct selection number.

NAT4407: * NAT4407 - ERROR MESSAGE NOT AVAILABLE ***

NAT4408: Unknown function, enter "?" for help.

Text	Unknown function, enter "?" for help.
Actn.	Enter valid function, or "?" for help information on valid functions for global variables.

NAT4409: Contents of work area will be deleted.

Text	Contents of work area will be deleted.
Expl.	The requested function will delete the source object which is currently in the source work area.
Actn.	- If you do not wish the source to be deleted, leave the function with PF12, SAVE the source, and then perform the function. - Otherwise press ENTER and continue.

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NAT4410: This file number already exists.

Text	This file number already exists.
Expl.	Each DDM must have a unique file number.
Actn.	Correct the file number.

NAT4411: File number does not correspond to file name for replace.

Text	File number does not correspond to file name for replace.
Expl.	When you catalog a VSAM DDM to a VSAM system file using the REPLACE option, the file name (number) must already exist on the VSAM system file, so as to avoid duplicate records. If a new DDM is to be cataloged with the layout of an old one, use an unused file name and file number and catalog without the REPLACE option.
Actn.	Catalog the DDM with a file name (number) that does not exist on the VSAM system file. Do not use the REPLACE option in this case.

NAT4412: Format must be "A", "P", "N", or "B".

Text	Format must be "A", "P", "N", or "B".
Expl.	Possible formats are: A - alphanumeric N - numeric unpacked P - packed numeric B - binary
Actn.	Enter valid field format.

NAT4413: Length of an alphanumeric variable must not exceed 253.

Text	Length of an alphanumeric variable must not exceed 253.
Actn.	Enter valid length for variable.

NAT4414: The length of a binary variable must not exceed 126.

Text	The length of a binary variable must not exceed 126.
Actn.	Enter valid length for binary variable.

NAT4415: Overall length of numeric field (nn.m) must not exceed 29.

Text	Overall length of numeric field (nn.m) must not exceed 29.
Expl.	The overall length of a numeric field, i.e. the aggregate number of digits before and after the decimal character, must not exceed 29.
Actn.	Enter valid length for numeric variable.

NAT4416: No more than 7 positions allowed after decimal character.

Text	No more than 7 positions allowed after decimal character.
Expl.	For a numeric variable, the number of digits AFTER the decimal character must not exceed 7.
Actn.	Enter valid number of digits after decimal character.

NAT4417: REPLACE only valid for DDM contained in VSAM system file.

Text	REPLACE only valid for DDM contained in VSAM system file.
Expl.	A DDM may not be cataloged with the REPLACE option being used, unless the DDM already exists in the VSAM system file.
Actn.	Do not use the REPLACE option, unless the DDM already exists in the system file.

NAT4418: Name for global variable must start with a "+".

Text	Name for global variable must start with a "+".
Expl.	The name of a global variable must begin with a "+".
Actn.	Enter "+" as the first character in the name of the global variable.

NAT4419: Invalid variable name.

Text	Invalid variable name.
Expl.	The name of a global variable must begin with the character "+" and must be built according to the rules for variable names. The name must not contain a blank character.
Actn.	Enter a valid name for the variable.

NAT4420: * NAT4420 - ERROR MESSAGE NOT AVAILABLE ***

NAT4421: Currently there is no DDM in the source area.

Text	Currently there is no DDM in the source area.
Expl.	The catalog (C) or test (T) function was specified, but no DDM was found in the Natural source area.
Actn.	Read a DDM into the source area, or edit or generate a DDM.

NAT4422: REDEFINE not permitted for this field.

Text	REDEFINE not permitted for this field.
Actn.	Check program and correct error.

NAT4423: Index permitted only for per.group/multiple-value field.

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Text	Index permitted only for per.group/multiple-value field.
Expl.	An index can only be specified for a periodic group or a multiple-value field.
Actn.	Check program and correct error.

NAT4424: Maximum number of dimensions within a structure is 3.

Text	Maximum number of dimensions within a structure is 3.
Actn.	Check program and correct error.

NAT4425: Initial value not permitted for view fields.

Text	Initial value not permitted for view fields.
Actn.	Check program and correct error.

NAT4426: Edit mask not allowed for group or periodic-group field.

Text	Edit mask not allowed for group or periodic-group field.
Actn.	Check program and correct error.

NAT4427: Edit mask not permitted for structure.

Text	Edit mask not permitted for structure.
Actn.	Check program and correct error.

NAT4428: Struct./view level must be 1-99; no variable in data area.

Text	Struct./view level must be 1-99; no variable in data area.
Expl.	The level number for a structure/view must must be 1 - 99. Another reason for this error is that no variable is defined in the data area.
Actn.	Check program and correct error.

NAT4429: Level numbers must be assigned in increments of 1.

Text	Level numbers must be assigned in increments of 1.
Actn.	Check program and correct error.

NAT4430: Invalid level specification.

Text	Invalid level specification.
Actn.	Check program and correct error.

NAT4431: Invalid character in name field.

Text	Invalid character in name field.
Actn.	Check program and correct error.

NAT4432: Blank not permitted in name.

Text	Blank not permitted in name.
Actn.	Check program and correct error.

NAT4433: Format/length must not be specified for this field type.

Text	Format/length must not be specified for this field type.
Actn.	Check program and correct error.

NAT4434: Invalid format.

Text	Invalid format.
Actn.	Check program and correct error.

NAT4435: Invalid length or format specification.

Text	Invalid length or format specification.
Actn.	Check program and correct error.

NAT4436: No length permitted when using format "C", "D", "L", "T".

Text	No length permitted when using format "C", "D", "L", "T".
Expl.	For fields of the following formats, no length can be specified: D - date T - time L - logical C - attribute control
Actn.	Check program and correct error.

NAT4437: Length specification for format "F" must be 4 or 8.

Text	Length specification for format "F" must be 4 or 8.
Expl.	Floating-point fields can only have format/length F4 or F8.
Actn.	Check program and correct error.

NAT4438: Invalid length for format "A" or "B" or "I".

Text	Invalid length for format "A" or "B" or "I".
Expl.	Valid length for format A is 1 - 253. Valid length for format B is 1 - 126. Valid length for format I is 1, 2, 4.
Actn.	Check program and correct error.

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NAT4439: Invalid object type specified in command.

Text	Invalid object type specified in command.
Expl.	The object type specified in the command LIST, EDIT, etc. was incorrect. Valid object types are: P - program T - text S - subroutine Z - recording N - subprogram K - server H - helproutine R - routines (LIST) C - copycode D - data areas (LIST) G - global data area D - Predict description (EDIT) L - local data area CL - class A - parameter data area DI - dialog M - map CP - command processor
Actn.	Enter valid command.

NAT4440: Length must be specified in form "nn" or "nn.n"

Text	Length must be specified in form "nn" or "nn.n"
Expl.	Length must be specified as "nn" (no decimal digits) or as "nn.n" (nn digits before and n digits after decimal character)
Actn.	Check program and correct error.

NAT4441: Maximum length for decimal digits is 7.

Text	Maximum length for decimal digits is 7.
Expl.	There must be no more than 7 digits after the decimal character.
Actn.	Check program and correct error.

NAT4442: Maximum length for numeric value is 29.

Text	Maximum length for numeric value is 29.
Actn.	Check program and correct error.

NAT4443: Data area was tested successfully.

Text	Data area was tested successfully.
Expl.	The data area was tested successfully using the CHECK command. command. Note that a final syntax check of the generated DEFINE DATA statement is NOT done by the CHECK function but by the CATALOG/STOW command.
Actn.	No action required.

NAT4444: Error in INIT/INDEX/EM/... field.

Text	Error in INIT/INDEX/EM... field.
Actn.	Check program and correct error.

NAT4445: Only "B", "V", "R" or blank permitted for type.

Text	Only "B", "V", "R" or blank permitted for type.
Actn.	Check program and correct error.

NAT4446: Level for substructure must be = or GT previous level.

Text	Level for substructure must be = or GT previous level.
Expl.	The level for a substructure must be the same as or greater than the previous level.
Actn.	Check program and correct error.

NAT4447: * NAT4447 - ERROR MESSAGE NOT AVAILABLE ***

NAT4448: Modification of range/format may delete INIT/EM values.

Text	Modification of range/format may delete INIT/EM values.
Expl.	A field is defined with with initial values or with an edit mask. If the range/format of this field is changed, the initial values will remain if they fit into the changed index range definition; if they do not fit, they will be deleted.
Actn.	Make sure you do not lose any initial values or edit masks you wish to keep.

NAT4449: Initial values not permitted; F/L missing for user field.

Text	Initial values not permitted; F/L missing for user field.
Actn.	Check program and correct error.

NAT4450: Periodic group within periodic group is not allowed.

Text	Periodic group within periodic group is not allowed.
Expl.	A periodic group must not be defined within another periodic group.
Actn.	Correct view definition.

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Natural System Error Messages NAT4451-NAT4500

NAT4451: Syntax error in array index specification.

Text	Syntax error in array index specification.
Actn.	Check program and correct error.

NAT4452: Upper/lower boundary LT 0; index = 0 in array definition.

Text	Upper/lower boundary LT 0; or index = 0 in array definition.
Expl.	Either the upper/lower array boundary is less than 0, or the index in an array definition is 0.
Actn.	Check program and correct error.

NAT4453: Invalid delimiter in INDEX clause.

Text	Invalid delimiter in INDEX clause.
Actn.	Check program and correct error.

NAT4454: Data area cataloged/stowed successfully.

Text	Data area cataloged/stowed successfully.
Expl.	The catalog/stow process is terminated without detecting any error in the data definition. The data definition may now be used in a Natural program with a DEFINE DATA statement.
Actn.	No action required.

NAT4455: Only index or edit mask modifiable in a view field.

Text	Only index or edit mask modifiable in a view field.
Actn.	Check program and correct error.

NAT4456: Maximum rank for data structures is 3.

Text	Maximum rank for data structures is 3.
Expl.	In the data area editor, the command ".E" (extended field definition) has been specified for a field inside a data structure, where the rank (maximum dimension of the field) exceeds 3. All dimensions of the previous substructures until level 1 and the dimension of the current field are added to calculate the rank of the current field.
Actn.	Check the data structure, or the field currently being edited, for correct dimensions.

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NAT4457: * NAT4457 - ERROR MESSAGE NOT AVAILABLE ***

NAT4458: Variable specified in REDEFINE not available.

Text	Variable specified in REDEFINE not available.
Expl.	A variable used in a REDEFINE definition is not defined in the current block (or data area), or is defined on a different level.
Actn.	Check program and correct error.

NAT4459: Data block not found.

Text	Data block not found.
Expl.	The data block indicated as the parent block in a child block definition was not found.
Actn.	Check program and correct error.

NAT4460: Predict file is not of type "CONCEPTUAL".

Text	Predict file is not of type "CONCEPTUAL".
Expl.	The Predict file that is to be included as data definition from the Predict file into the data area, is not defined as a "CONCEPTUAL" file in Predict. Its only allowed to incoporate "CONCEPTUAL" files as data structure.
Actn.	Change file definition in Predict or select correct file.

NAT4461: Mark fields for incorporation into global data area.

Text	Mark fields for incorporation into global data area.
Actn.	Mark the fields which are to be incorporated into the global data area.

NAT4462: "n" fields have been incorporated into global data area.

Text	"n" fields have been incorporated into global data area.
Actn.	No action required.

NAT4463: No fields have been incorporated into global data area.

Text	No fields have been incorporated into the global data area.

NAT4464: ".V" must not be used during redefinition or in a view.

Text	".V" must not be used during redefinition or in a view.
Actn.	Do not use ".V" during redefinition or in a view.

NAT4465: View definition must be assigned level 1.

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Text	View definition must be assigned level 1.
Actn.	Assign correct level.

NAT4466: Structure definition must have previous level + 1.

Text	Structure definition must have previous level + 1.
Actn.	Assign correct level.

NAT4467: Group definition must contain at least 1 field.

Text	Group definition must contain at least 1 field.
Actn.	Check program and correct error.

NAT4468: Data definition must not end with a flagged definition.

Text	Data definition must not end with a flagged definition.
Actn.	Check program and correct error.

NAT4469: Constant has been defined without an initial value.

Text	Constant has been defined without an initial value.
Actn.	Check program and correct error.

NAT4470: Constant not permitted within a redefinition.

Text	Constant not permitted within a redefinition.
Actn.	Check program and correct error.

NAT4471: Non-numeric value in length field.

Text	Non-numeric value in length field.
Actn.	Check program and correct error.

NAT4472: User-variable definition found within a view definition.

Text	User-variable definition found within a view definition.
Actn.	Check program and correct error.

NAT4473: View contains fields not existent in the new DDM.

Text	View contains fields not existent in the new DDM.
Expl.	You have tried to modify the name of the DDM in the last column of the data area editor screen. However, one or more of the fields specified in the view are not defined in this DDM.
Actn.	Either do not change the DDM name, or specify the name of a DDM which contains all fields in the view.

NAT4474: Program name missing in GENERATE command.

Text	Program name missing in GENERATE command.
Actn.	Issue GENERATE command with program name.

NAT4475: Constant used as index has not been defined.

Text	Constant used as index has not been defined.
Expl.	The constant used as index for the array definition must be defined before the array definition.
Actn.	Check program and correct error.

NAT4476: Non-numeric constant used as index for p.group/mult.field.

Text	Non-numeric constant used as index for p.group/mult.field.
Expl.	A constant which is not numeric has been used as index for a periodic group or multiple-value field.
Actn.	Check program and correct error.

NAT4477: Undefined constant used as index for per.group/mult.field.

Text	Undefined constant used as index for per.group/mult.field.
Expl.	A constant used as index for a periodic group or multiple-value field must have been defined before it can be used for that purpose.
Actn.	Check program and correct error.

NAT4478: CATALOG/PURGE command not available if RECAT=ON.

Text	CATALOG/PURGE command not available if RECAT=ON.
Expl.	The commands CATALOG and PURGE are not available if the parameter RECAT (dynamic recatalog) has been set to RECAT=ON, either dynamically or in the Natural parameter module. Instead of CATALOG and PURGE, the commands STOW and SCRATCH should be used.
Actn.	Use valid command or change parameter.

NAT4479: Natural work area is full; increase ESIZE parameter.

Text	Natural work area is full; increase ESIZE parameter.
Actn.	Increase the value for the ESIZE parameter.

NAT4480: Invalid value for FLAG1.

Text	Invalid value for FLAG1.
Actn.	Check program and correct error.

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NAT4481: ".*" command only allowed for mul.fields/periodic groups.

Text	".*" command only allowed for mul.fields/periodic groups.
Expl.	In the data area editor, C* variables can be generated by using the line command ".*" for a multiple-value field or a periodic group. For all other kinds of lines, this command is not allowed.
Actn.	Enter ".*" command in a line of a multiple-value field or periodic group.

NAT4482: Only 1 "C*" variable allowed for a multiple-value field.

Text	Only 1 "C*" variable allowed for a multiple-value field.
Expl.	You have used the command ".*" to generate a C* variable for a multiple-value field for which a C* has already been defined. Only one C* variable per multiple-value field is possible.
Actn.	Do not use this line command on this field.

NAT4483: * NAT4483 - ERROR MESSAGE NOT AVAILABLE ***

NAT4484: * NAT4484 - ERROR MESSAGE NOT AVAILABLE ***

NAT4485: * NAT4485 - ERROR MESSAGE NOT AVAILABLE ***

NAT4486: * NAT4486 - ERROR MESSAGE NOT AVAILABLE ***

NAT4487: * NAT4487 - ERROR MESSAGE NOT AVAILABLE ***

NAT4488: Function not available, because Predict is not installed.

Text	Function not available, because Predict is not installed.
Expl.	The Predict dictionary must be installed in order to perform the function specified or to process the object specified.
Actn.	Install Predict, or do not use this function.

NAT4489: DDM not consistent with Predict definitions.

Text	DDM not consistent with Predict definitions.
Expl.	You have incorporated fields from a DDM into a data area. However, the Predict definitions related to the DDM were modified after the DDM had been generated. Therefore, the Predict definitions were not incorporated into the data area.
Actn.	Either ignore, or generate the DDM again to avoid inconsistencies.

NAT4490: Create Predict description only possible with SYSDIC.

Text	Create Predict Description only possible with SYSDIC.
Expl.	The function Create Predict Description is only possible when SYSDIC is active.
Actn.	Enter SYSDIC to start Predict.

 Natural System Error Messages NAT4451-NAT4500

NAT4491: No other products are available.

Text	No other products are available.
Expl.	There are no products to be displayed on the Other Products menu of the MAINMENU. Perhaps no products are installed or you do not have access to them.

NAT4492: Please select/enter a function.

Text	Please select/enter a function.

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Natural System Error Messages NAT4501-NAT4550

NAT4501: Do not specify both edit and line command.

Text	Do not specify both edit and line command.
Expl.	The full screen editor can only process one line command or one edit command at a time.
Actn.	Use an edit command or a line command, not both.

NAT4502: Line subcommand outside source lines.

Text	Line subcommand outside source lines.
Expl.	No line command can be processed when this line is empty.
Actn.	Do not enter a line command in an empty line.

NAT4503: Invalid positioning number.

Text	Invalid positioning number.
Expl.	The edit command for positioning forward (+) or backward (-) requires a number greater than 0.
Actn.	Specify correct positioning number.

NAT4504: No line marked with "X".

Text	No line marked with "X".
Expl.	A command has been entered which refers to a specific line. The editor cannot process this command, however, because the line to which it refers has not been marked with an "X".
Actn.	Mark the appropriate line with an "X".

NAT4505: No line marked with "Y".

Text	No line marked with "Y".
Expl.	A command has been entered which refers to a specific line. The editor cannot process this command, however, because the line has not been marked with a "Y".
Actn.	Mark the appropriate line with a "Y".

NAT4506: Y-position must be behind X-position.

Text	Y-position must be behind X-position.
Expl.	To process the command that has just been entered, the line marker "Y" has to be placed belowe the line marker "X", not vice versa.
Actn.	Mark lines correctly with "X" and "Y", then issue command again.

NAT4507: Copied/moved lines overlap target line.

Text	Copied/moved lines overlap target line.
Expl.	The line command ".CX-Y" or ".MX-Y" has been entered BETWEEN the lines marked with "X" and "Y". However, it is not possible to move or copy lines to a position which is WITHIN block of lines to be moved/copied.
Actn.	Copy/move lines correctly.

NAT4508: Invalid target in MOVE command.

Text	Invalid target in MOVE command.
Expl.	The line command MOVE needs as a parameter a specification like ".MX", ".MY" or ".MX-Y". The line(s) to be moved must be marked with "X" and/or "Y".
Actn.	Mark line(s) to be moved before issuing MOVE command.

NAT4509: Invalid edit command. Enter "?" for help.

Text	Invalid edit command. Enter "?" for help.
Expl.	The edit command that has just been entered is unknown.
Actn.	Enter valid edit command; or enter "?" to invoke help information on edit commands available.

NAT4510: Do not replace with the same data.

Text	Do not replace with the same data.
Expl.	You must not replace a source string with the same data that you are scanning for.
Actn.	Issue correct scan/replace command.

NAT4511: "SET TYPE object-type" prohibited by security definition.

Text	"SET TYPE object-type" prohibited by security definition.
Expl.	Natural Security does not allow you do issue this command.
Actn.	Do not use this command, or contact your Natural Security administrator.

NAT4512: Only "+", "-", or "Q" are valid parameters.

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Text	Only "+", "-", or "Q" are valid parameters.
Expl.	The shift subcommand allows only the following to be specified: + shift to right. - shift to left. Q leave shift subcommand.
Actn.	Enter valid subcommand.

NAT4513: Shift value must be 1 - 71.

Text	Shift value must be 1 - 71.
Expl.	Number of positions for the SHIFT subcommand must be 1 to 71.
Actn.	Enter valid number for shift function.

NAT4514: No line number space available; "RENUMBER" required.

Text	No line number space available; "RENUMBER" required.
Expl.	The line numbers in Natural programs must be unique and in ascending order, since they are used internally for control program flow. When inserting lines, only 9 lines may be inserted at one time between 2 lines numbered with an increment of 10 (for example, between program lines 1220 and 1230). Use the RENUMBER command or press ENTER to renumber the program.
Actn.	Renumber source program before inserting lines.

NAT4515: ".J" entered in last line on screen.

Text	".J entered in the last line on screen.
Expl.	The line command ".J" must be entered on the first line of two lines that are to be joined. Both lines to be joined must be visible on the screen.
Actn.	Enter ".J" in correct position.

NAT4516: Command not implemented.

Text	Command not implemented.
Expl.	The command which has just been entered, does not exist.
Actn.	Enter valid command.

NAT4517: Position the cursor to the split point.

Text	Position the cursor to the split point.
Expl.	When you use the line command SPLIT, you mark with the cursor the position at which the line is to be split.
Actn.	Place cursor at correct position.

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NAT4518: No shift parameter specified (+nn, -nn).

Text	No shift parameter specified (+nn, -nn).
Expl.	The command SHIFT requires specification of the number of positions for the shift operation and the shift direction. These are specified in the form "+nn" or "-nn".
Actn.	Enter number of shift positions and shift direction.

NAT4519: No shift value specified (number of positions).

Text	No shift value specified (number of positions).
Expl.	The number of positions to be shifted must be specified for the SHIFT command.
Actn.	Enter number of shift positions.

NAT4520: X-line must be on the screen for shift.

Text	X-line must be on the screen for shift.
Expl.	The X-label must be displayed on the screen for the SHIFT command to function.
Actn.	Position current line to display X-label.

NAT4521: Scan value GT 32, or delimiter for scan value missing.

Text	Scan value GT 32, or delimiter for scan value missing.
Expl.	Either a scan value greater than 32 has been specified, or one of the delimiters enclosing the value to be scanned for is missing.
Actn.	Specify correct command.

NAT4522: Replace value cannot be specified for REPLACE WITH NULL.

Text	Replace value cannot be specified for REPLACE WITH NULL.
Expl.	REPLACE WITH NULL value has been specified (marked) on the Scan Menu of the program editor. Subsequently, however, a SCAN/CHANGE command with a specific replace value has been entered. - If you want to replace a value by a null value, do not specify a replace value. - If you want to replace a value by a specific value, do not use REPLACE WITH NULL.
Actn.	Enter correct command/value combination.

NAT4523: The specified profile does not exist.

Text	The specified profile does not exist.
Expl.	See Natural Reference documentation for information on editor profiles.
Actn.	Specify a valid profile name.

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NAT4524: Please enter a profile ID.

Text	Please enter a profile ID.
Expl.	For profile maintenance, a profile ID must be entered.
Actn.	Enter a profile ID.

NAT4525: Do not change other profile.

Text	Do not change other profile.
Expl.	When Natural Security is installed, you are not allowed to change a profile to which a user ID other than yours is assigned.
Actn.	Do not try to change any profile you are not allowed to change.

NAT4526: Profile has been successfully stored.

Text	Profile has been successfully stored.
Expl.	The profile has been successfully stored in the database.
Actn.	No action required.

NAT4527: No "RECOVER" possible after more than 999 transactions.

Text	No "RECOVER" possible after more than 999 transactions.
Expl.	The highest value for "RECOVER nnn" is 999. After "nnn" source changes, the source will be automatically saved in the current library with the member name that has been defined in the current profile.
Actn.	Check program and correct error.

NAT4528: Invalid parameter specified in SPLIT command.

Text	Invalid parameter specified in split command.
Expl.	An invalid parameter has been specified in the split screen command in an editor. Valid parameters are: P - programming objects D - data areas V - views (DDMs) DESC - Predict description
Actn.	Enter valid parameter for split command.

NAT4529: Invalid parameter specified in SET command.

Text	Invalid parameter specified in SET command.
Expl.	An invalid parameter has been specified in the SET command of an editor. You will find a description of the SET command syntax in the Natural Reference documentation.
Actn.	Enter correct SET command.

NAT4530: EDIT command disallowed by security definition.

Text	EDIT command disallowed by security definition.
Expl.	The EDIT command for the invoked editor has been disallowed by Natural Security in the corresponding security profile.
Actn.	Contact your Natural Security administrator.

NAT4531: Profile has been successfully deleted.

Text	Profile has been successfully deleted.
Expl.	The profile has been successfully deleted from the database.
Actn.	No action required.

NAT4532: Editor profile has not been stored in the database.

Text	Editor profile has not been stored in the database.
Expl.	You have modified an editor profile which is not your own; you can use the modified profile, but the modifications will only be valid until you log on to another library.
Actn.	No action required.

NAT4533: Direction indicator must be "+" or "-".

Text	Direction indicator must be "+" or "-".
Expl.	The only possible values for the direction indicator in the command line of the program editor are "+" and "-".
Actn.	Set direction indicator to "+" or "-".

NAT4534: Cursor must be within source for special PF-key functions.

Text	Cursor must be within source for special PF-key functions.
Expl.	Before you press a PF-key to which one of the commands *CURSOR, *X or *Y is assigned, you must place the cursor at that position within the source to which you wish the command to be applied.
Actn.	Place cursor correctly, and press PF-key again.

NAT4535: Message line position must be "TOP", "BOT", "nn" or "-nn".

Text	Message line position must be "TOP", "BOT", "nn" or "-nn".
Expl.	You can specify one of the following positions for the message line: TOP (or T) - top line of screen. BOT (or B) - bottom line of screen. nn - "nn"th line of screen (counting from top of screen). -nn - "nn"th line of screen (counting from bottom of screen).
Actn.	Specify valid message line position.

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Natural System Error Messages NAT4551-NAT4600

NAT4599: Value of session parameter PD must not be "0".

Text	Value of session parameter PD must not be "0".
Expl.	This error occurs if you issue one of the terminal commands of the NATPAGE utility, and the PD parameter, which determines the number of screens to be stored with NATPAGE in the Natural system file is set to "0".
Actn.	Use the GLOBALS command to set the PD parameter to a value between 1 and 255.

NAT4600: Multiple commands not allowed.

Text	Multiple commands not allowed.
Expl.	Only one command may be entered per screen. If multiple commands are detected, no update and no command interpretation are performed.
Actn.	Enter only one command.

Natural System Error Messages NAT4601-NAT4650

NAT4601: Invalid screen operation in line:1:, column:2:

Text	Invalid screen operation in line ..., column ...
Expl.	A field variable must not be changed to a text constant.
Actn.	Delete the field or move it to another position by using the appropriate field command, then insert the text.

NAT4602: Use ".E" command to edit field.

Text	Use ".E" command to edit field.
Expl.	The modification or definition of an edit mask for a field is only possible by invoking "extended field editing" with the command ".E".
Actn.	Use the field command ".E".

NAT4603: Error in DDM.

Text	Error in DDM.
Expl.	An error was detected in the currently used Data Definition Module.
Actn.	Correct the DDM.

NAT4604: Use edit mask to change format.

Text	Use edit mask to change format.
Actn.	Use edit mask to change format.

NAT4605: Use ".A" command to define array.

Text	Use ".A" command to define array.
Actn.	Enter the field command ".A" in the field.

NAT4606: Invalid object name.

Text	Invalid object name.
Actn.	Specify a valid object name.

NAT4607: No DDM loaded.

Text	No DDM loaded.
Expl.	An internal error occurred while trying to load a DDM.
Actn.	Contact Software AG - Natural support.

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NAT4608: The requested DDM is too large.

Text	The requested DDM is too large.
Expl.	The requested DDM is too large to be processed by the map editor.
Actn.	Reduce the size of the DDM.

NAT4609: Invalid edit mask.

Text	Invalid edit mask.
Expl.	The edit mask specified is invalid. See the Natural Reference documentation for detailed information on edit masks.
Actn.	Correct error.

NAT4610: Invalid field format.

Text	Invalid field format.
Expl.	The specified field format is invalid. See the Natural Reference documentation for valid format definition.
Actn.	Correct error.

NAT4611: Field name contains illegal characters.

Text	Field name contains illegal characters.
Expl.	The field name contains characters which are not allowed within a field name.
Actn.	Correct error.

NAT4612: Too many digits before and/or after decimal character.

Text	Too many digits before and/or after decimal character.
Expl.	There are too many decimal digits before and/or after the decimal character. See the Natural Reference documentation for additional information.
Actn.	Correct error.

NAT4613: The source area is empty.

Text	The source area is empty.
Expl.	An attempt was made to edit an empty source area.
Actn.	Use function "I" (Initialize map) or "R" (Read map) to place a map into the source area.

NAT4614: Map not found in source area.

Text	Map not found in source area.
Expl.	The source area does not contain the map with the specified name. Function "L" may be used to determine if a map is currently in the source area; or the map-entry field may be left blank to cause all maps in the source area to be displayed.
Actn.	Use function "I" (Initialize map) or "R" (Read map) to place a map into the source area.

NAT4615: Specified object not found in current or steplib library.

Text	Specified object not found in current or steplib library.
Expl.	The Natural object (program, subprogram, data area, etc.) with the specified name could not be found either in the current library or in any concatenated library (steplib).
Actn.	Specify the correct name of the object.

NAT4616: Invalid use of a command.

Text	Invalid use of command.
Expl.	An attempt was made to use a command incorrectly. (for example, using the comand ".A" for a text constant.
Actn.	Enter correct command in correct field.

NAT4617: No delimiter matches attributes.

Text	No delimiter matches attributes.
Expl.	The specified attributes are not consistent with the delimiter settings in the map profile.
Actn.	Use other attributes or change delimiter settings in the map profile.

NAT4618: Too many occurrences of field in line:1: column:2:

Text	Too many occurrences of field in line ..., column ....
Expl.	An output field was used in more than 98 occurrences.
Actn.	Specify a new field.

NAT4619: Multiple fields not allowed here: line:1: column:2:.

Text	Multiple fields not allowed here: line ... column ....
Expl.	An input-only field or a modifiable field must not be used in multiple occurrences.
Actn.	Correct error.

NAT4620: String too long: line:1:, column:2:.

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Text	String too long: line ..., column ....
Expl.	A text constant of over 58 characters was specified. Only text which consists of the repeated concatenation of the same character may be longer than 58 characters.
Actn.	Divide the text into 2 constants or use a variable containing the text.

NAT4621: System variable must be an output field.

Text	System variable must be an output field.
Expl.	System variables may only used in output mode.
Actn.	Use a delimiter which indicates output mode.

NAT4622: Overlapping detected in line :1:, column :2:.

Text	Overlapping detected in line ..., column ....
Expl.	This error may be caused by any of the following: - overlapping of one variable with another; - overlapping of a variable with the right border of the map; - overlapping of a variable and a text constant; - an invalid command was interpreted as text.
Actn.	Correct error.

NAT4623: Type conflict with DDM definition: line:1: column:2:

Text	Type conflict with DDM definition: line ..., column ...
Expl.	The DDM variable attribute is not assigned to the screen variable attribute in the case of incompatible formats. Incompatible: A,B with N,P. A with B. Compatible : N with P.
Actn.	Change screen specification and then reassign.

NAT4624: Reassignment not possible in line:1:, column:2:

Text	Reassignment not possible.
Expl.	This error may be caused by the following: - the variable is already assigned; - the variable is a system variable.
Actn.	Delete the variable and generate it from the DDM.

NAT4625: Name of field/variable must be specified.

Text	Name of field/variable must be specified.
Actn.	Enter a field/variable name.

NAT4626: Internal format error in map definition.

Text	Internal format error in map definition.
Expl.	The map editor has detected an internal format error in the map definition. A possible cause is the attempt to edit the map source area via another utility or program.
Actn.	Use function "I" (initialize map) or "R" (read map) to place the original map into the source area.

NAT4627: AL/NL syntax error.

Text	AL/NL syntax error.
Expl.	The specification of AL/NL is incorrect. Please refer to the Natural documentation for detailed information.
Actn.	Correct error.

NAT4628: You may select only one item from the menu.

Text	You may select only one item from the menu.
Actn.	Select no more than one item.

NAT4629: Not enough empty lines available for inserting/splitting.

Text	Not enough empty lines available for inserting/splitting.
Expl.	When you use the line commands "..I" (insert) or "..S" (split), all lines below the inserted/split line(s) will be "pushed" downward and the last empty line(s) of the map will be deleted to make room for the insertion/splitting. However, if there are not enough empty lines at the bottom of the map, the insert/split command cannot be executed.
Actn.	Make sure that enough empty lines are available before you insert new lines or split lines.

NAT4630: Invalid rank setting.

Text	Invalid rank setting.
Expl.	This error message may be caused by any of the following: - The specified value was not greater than zero. - The specified value was not smaller than or equal to the rank of the array. - The specified value has already been assigned. Note: The rank of an array is equal to the number of indexes; for example, A(3,4) is an element of array A with rank 2.
Actn.	Correct rank setting.

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NAT4631: Index is out of range.

Text	Index is out of range.
Expl.	The specified index is outside the array dimensions.
Actn.	Correct the index specification.

NAT4632: Fixed index must be specified.

Text	Fixed index must be specified.
Expl.	If an array with 3 dimensions is used in a map, the index of at least one dimension must be fixed (integer or variable).
Actn.	Correct index specification.

NAT4633: Invalid colour.

Text	Invalid colour.
Expl.	An invalid colour was specified. The valid colour codes may be determined by positioning the cursor to the field COLOUR and pressing the HELP key.
Actn.	Specify valid colour.

NAT4634: No source/object name specified.

Text	No source/object name specified.
Expl.	The source name is missing for a READ or PURGE function; or the object name is missing for the UNCATALOG function.
Actn.	Specify source/object name.

NAT4635: No profile name specified.

Text	No profile name specified.
Expl.	A profile name must be specified when using function "I" or "M".
Actn.	Specify a profile name.

NAT4636: Column shift can only be 0 or 1.

Text	Column shift can only be 0 or 1.
Expl.	The standard column shift is "0" . In order to use the first column position for map fields, a column shift of "1" may be specified.
Actn.	Specify "0" or "1" .

NAT4637: Conflict between helptext size/position and screen size.

Text	Conflict between helptext size/position and screen size.
Expl.	The currently defined size of the helptext window does not permit its being placed in the position you want it to be placed, because it would not fit onto the screen of the specified device ("Device Check"). You have to make the window smaller, change its position (or not use the Device Check option).
Actn.	Either make the helptext smaller (reduce page size and/or line size), or change its position.

NAT4638: Map transmitted successfully.

Text	Map transmitted successfully.
Actn.	No action required.

NAT4639: Field/parameter names in a map must be unique.

Text	Field/parameter names in a map must be unique.
Expl.	The names of fields and parameters used in a map must be unique.
Actn.	Do not use duplicate field/parameter names in a map.

NAT4640: SAVE command executed.

Text	SAVE command executed.
Expl.	The source has been stored in the current library.
Actn.	No action required.

NAT4641: Map tested successfully.

Text	Map tested successfully.
Expl.	A RUN command was executed successfully for the current source.
Actn.	No action required.

NAT4642: Variable already used with other format/array dimensions.

Text	Variable already used with other format/array dimensions.
Expl.	The variable whose name you have specified as help parameter, control variable or starting-from value has already been defined elsewhere with a different format or with other array dimensions.
Actn.	Use different name or check other variable of the same name.

NAT4643: Invalid function code.

Text	Invalid function code.
Expl.	The specified function code is invalid.
Actn.	Enter a valid function code, or a "?" for help.

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NAT4644: Delimiter class must be "A","O","M" or "T".

Text	Delimiter class must be "A", "O", "M" or "T".
Expl.	An invalid code for the delimiter class was entered. Possible codes are: A - Input-only field O - Output-only field M - Modifiable field (output and input) T - Text constant
Actn.	Enter valid delimiter class.

NAT4645: Attribute of delimiter is invalid.

Text	Attribute of delimiter is invalid.
Expl.	Valid attribute codes are: B Blinking NE Neutral C Cursive/italic BL Blue D Default (non-I, B, etc.) GR Green I Intensified RE Red N Non-display PI Pink U Underlined YE Yellow V Reversed video TU Turquoise Y Dynamic (attributes to be assigned dynamically by user program)
Actn.	Enter valid code.

NAT4646: Delimiter must be a special character.

Text	Delimiter must be a special character.
Expl.	Only special characters may be used as delimiters.
Actn.	Enter a special character as delimiter.

NAT4647: Page size must be 1 - 250.

Text	Page size must be 1 - 250
Expl.	The page size value must be in the range from 1 to 250 lines. The standard page size for 3270-type screens is 23 lines.
Actn.	Enter a valid page size.

NAT4648: Line size must be 5 - 249.

Text	Line size must be 5 - 249.
Expl.	The line size value must be in the range from 5 to 249 characters. The standard line size for a 3270-type screen is 79 characters.
Actn.	Enter a valid line size.

NAT4649: Enter "T" (top) or "B" (bottom).

Text	Enter "T" (top) or "B" (bottom).
Expl.	The message line may be located at the top (T) or the bottom (B) of the screen.
Actn.	Enter valid code ("T" or "B").

NAT4650: Invalid colour code.

Text	Invalid colour code.
Expl.	Valid colour codes are: NE - Neutral BL - Blue GR - Green RE - Red PI - Pink YE - Yellow TU - Turquoise
Actn.	Enter a valid colour code.

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Natural System Error Messages NAT4651-NAT4700

NAT4651: Enter "UC" (upper case) or "LC" (lower case).

Text	Enter "UC" (upper case) or "LC" (lower case).
Expl.	"UC" indicates that input will be converted to upper case. "LC" indicates that lower-case input will not be converted to upper case.
Actn.	Enter a valid code ("UC" or "LC").

NAT4652: Enter "Y" (yes) or "N" (no).

Text	Enter "Y" (yes) or "N" (no).
Expl.	The only possible values for this field are "Y" (yes) and "N" (no).
Actn.	Enter "Y" or "N".

NAT4653: Array dimension must be 0 to 3.

Text	Array dimension must be 0 to 3.
Actn.	Specify valid array dimension.

NAT4654: Control character must be a special character.

Text	Control character must be a special character.
Expl.	Only special characters may be used as the control character. The default control character is ".".
Actn.	Enter a valid control character.

NAT4655: Enter "R" or "L" for right- or left-justified.

Text	Enter "R" or "L" for right- or left-justified.
Expl.	Only the following codes may be specified: R - Default justification of variable fields is right-justified. L - Default justification of variable fields is left-justified.
Actn.	Enter a valid code ("R" or "L").

NAT4656: Delimiter settings are ambiguous.

Text	Delimiter settings are ambiguous.
Expl.	Either the same delimiter is defined more than once, or more than one delimiter is defined for the same class/attribute.
Actn.	Check the delimiter settings and correct error.

NAT4657: Variable field has to be named.

Text	Variable field has to be named.
Expl.	A field which is defined directly on the screen (i.e., not selected from a view) must be subsequently assigned the attributes of a view field (post assignment); or must be assigned a name directly, using the extended field editing function.
Actn.	Use either post assignment or extended field editing to assign a name to the field.

NAT4658: Select either "WRITE" or "INPUT".

Text	Select either "WRITE" or "INPUT".
Expl.	This error message may be caused by the following: - Neither WRITE nor INPUT has been marked. - Both WRITE and INPUT have been marked.
Actn.	Correct error.

NAT4659: Dynamic layout contains user-defined variables.

Text	Dynamic layout contains user-defined variables.
Expl.	A map which is used as dynamic layout map must not contain user-defined variables.
Actn.	Delete the user-defined variables from the dynamic layout map, or use another map as dynamic layout map.

NAT4660: Conflict between layout and map settings.

Text	Conflict between layout and map settings.
Expl.	This error message may be caused by one of the following: - The layout contains ATTRIBUTE/CLASS combinations in the delimiter settings which are not defined with the current map. - PAGESIZE or LINESIZE of layout and map are different. - COMP settings of layout and map are not identical. - KEYSTD settings of layout and map are not identical. - HELP names of both layout and map are not blank and are not identical.
Actn.	Check map and layout settings and correct error.

NAT4661: Profile already exists.

Text	Profile already exists.
Expl.	The ADD function was applied to a profile which already exists.
Actn.	Use the MODIFY function or use another profile name.

NAT4662: Profile does not exist.

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Text	Profile does not exist.
Expl.	The MODIFY or DELETE function was applied to a profile which does not exist.
Actn.	Use the correct profile name.

NAT4663: Profile "SYSPROF" must not be changed.

Text	Profile "SYSPROF" must not be changed.
Expl.	It is not possible to change the default profile "SYSPROF" with the maintenance function.
Actn.	Define a user profile by using the ADD function.

NAT4664: Delimiter must differ from control and decimal characters.

Text	Delimiter must differ from control and decimal character.
Expl.	A delimiter must not be the same character as the control character or the decimal character defined in the profile settings.
Actn.	Use another special character as the delimiter.

NAT4665: "DY" option is invalid.

Text	"DY" option is invalid.
Expl.	The "DY" option must consist of alternating escape characters and attribute/colour codes. Valid escape characters are all special characters and hexadecimal elements. Examples: <i> (intensify by "<") <re> (red by "<") <bl:re> (blue by "<", red by ":") "27p"28 (protected by "27)
Actn.	Correct error.

NAT4666: Warning: Conflict between current profile + map profile.

Text	Warning: Conflict between current profile + map profile.
Expl.	The map to be edited was initialized with a profile other than the current profile.
Actn.	Press PF10 to obtain the correct profile name or ignore.

NAT4667: Editing completed successfully.

Text	Editing completed successfully.
Expl.	This message indicates: - In parameter mode, the prototype INPUT USING MAP statement was generated at the beginning of the map. - In non-parameter mode, all variables were checked to determine if they were assigned. - The validation rules were sorted by validation rank and by positions of the variables.
Actn.	No action required.

NAT4668: Conflict between layout profile and enforced map profile.

Text	Conflict between layout profile and enforced map profile.
Expl.	The layout map was initialized with a profile other than the current profile; the current profile is marked with the "ENFORCE" option; and some attributes of the current profile have been changed in the meantime.
Actn.	Use another profile or another layout.

NAT4669: Do not use help-text layout for map, or vice versa.

Text	Do not use help-text layout for map, or vice versa.
Expl.	This message may be caused by one of the following: - The layout was initialized with "H" and the current map with "I". - The layout was initialized with "I" and the current map with "H".
Actn.	Use another layout or the other initialization function.

NAT4670: Print mode setting is incorrect.

Text	Print mode setting is incorrect.
Expl.	The following codes may be chosen for print mode: I - inversion of print direction C - alternate character set N - field will not appear in hardcopy D - double-byte character mode. Attribute combinations may be used.
Actn.	Correct error.

NAT4671: Invalid modification of map settings.

Text	Invalid modification of map settings.
Expl.	This error message may be caused if a class/attribute combination for delimiters was specified in the old map settings and is not specified in the new settings.
Actn.	Check settings and correct error.

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NAT4672: "Move" target is within command working range.

Text	"Move" target is within command working range.
Expl.	A "move" line command was issued for a block of lines and the cursor was positioned to a line within that block.
Actn.	Change cursor position or line range.

NAT4673: An object with the same name already exists.

Text	An object with the same name already exists.
Expl.	During initialization of a map or a helptext, a name was specified which is already used by another object in the library. This error may also occur in the STOW or SAVE function, if a name is explicitely specified.
Actn.	Change map name or scratch existing object.

NAT4674: Object does not exist, or is not a map/helptext.

Text	Specified object does not exist, or is not a map/helptext.
Expl.	The specified map name is wrong. A map or a helptext with the specified name does not exist; or the referenced object is neither a map nor a helptext.
Actn.	Change map name or use initialize function.

NAT4675: Device specification is missing.

Text	Device specification is missing.
Expl.	The device specified with the device check field was not defined using the maintenance function; or the MODIFY or DELETE function was used for a non-existing device specification.
Actn.	Specify the device attributes using the maintenance function.

NAT4676: Device specification already exists.

Text	Device specification already exists.
Expl.	The specification of the device already exists.
Actn.	Use the MODIFY function.

NAT4677: Device name is missing.

Text	Device name is missing.
Expl.	The name of the device specification to be added, modified or deleted is missing.
Actn.	Enter a device name.

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NAT4678: Attribute does not match device characteristics.

Text	Attribute does not match device characteristics.
Expl.	The device check was enabled by entering a device name which does not support the defined attributes. The cursor is positioned to the attribute which is in conflict with the specified device.
Actn.	Change attribute or disable device check.

NAT4679: Layout does not exist.

Text	Layout does not exist.
Expl.	A layout map or a layout help text was specified in the map settings or the profile, but the layout does not exist as a source map.
Actn.	Correct error.

NAT4680: Only "H" or "V" possible.

Text	Only "H" or "V" possible.
Expl.	The direction of the secondary index can only be horizontal (H) or vertical (V).
Actn.	Enter valid direction.

NAT4681: Only output class possible with "WRITE".

Text	Only output class possible with "WRITE".
Expl.	A delimiter or an AD attribute was specified with a field class equal to input (A) or modify (M). This is not possible if a WRITE statement is to be generated as a result of the map definition process.
Actn.	Check program or map settings, and correct error.

NAT4682: Conflict in array dimensions.

Text	Conflict in array dimensions.
Expl.	A DDM array was post-assigned to an array and one or more dimensions of the DDM array are smaller than the predefined array.
Actn.	Check array dimensions and correct error.

NAT4683: Control variable is missing.

Text	Control variable is missing.
Expl.	A delimiter with attribute "Y" was used and no control variable (CV=name) was defined in the map settings. An AD attribute "Y" was defined and no control variable (CV=name) was defined at the field level or in the map settings.
Actn.	Define control variable.

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NAT4684: Validation rule priority already exists.

Text	Validation rule priority already exists.
Expl.	An attempt was made to change the priority of a validation rule, but a validation rule for this field with the specified priority already exists.
Actn.	Use another priority.

NAT4685: Field is not an array.

Text	Field is not an array.
Expl.	Before applying index parentheses to a field name, the field must be defined as an array by using the command ".A" or "..A".
Actn.	Remove index parentheses.

NAT4686: Do not apply ".A" command to a scalar value.

Text	Do not apply ".A" command to a scalar value.
Expl.	The array field command or the array line command cannot be used with elementary database fields or with system variables. Validation rules are not allowed for system variables.
Actn.	Do not use an array, or define a user-defined variable.

NAT4687: Helproutine for a helptext or WRITE map is not allowed.

Text	Helproutine for a helptext or WRITE map is not allowed.
Expl.	A helproutine name may only be specified with maps, not with helptexts. If the map is to be used in a WRITE USING MAP statement, a helproutine name must not be specified.
Actn.	Correct error.

NAT4688: STOW command executed successfully.

Text	STOW command executed successfully.
Expl.	The map was successfully saved and cataloged.
Actn.	No action required.

NAT4689: Direct command was executed.

Text	Direct command was executed.
Expl.	The specified direct command was executed successfully.
Actn.	No action required.

NAT4690: Invalid edit mask.

Text	Invalid edit mask.
Expl.	The specified edit mask is not a valid Natural edit mask. For information on valid edit masks, you may invoke the help facility.
Actn.	Use valid edit mask.

NAT4691: Decimal character conflict.

Text	Decimal character conflict.
Expl.	The map uses a decimal character which is in conflict with the decimal character defined for the current session.
Actn.	Change session profile, using GLOBALS command.

NAT4692: Feature not available.

Text	Feature not available.
Expl.	The desired feature is only available if the Predict dictionary system is installed.
Actn.	Do not use this feature.

NAT4693: Conflict between processing rules.

Text	Conflict between processing rules.
Expl.	This error occurs if a field was first defined as a user-defined or or undefined field, and processing rules were assigned to that field by the user; if this field is then post-assigned to a database field, and the dictionary contains processing rules for that database field on ranks which are already occupied by the user-defined rules, this conflict occurs.
Actn.	Check user rules.

NAT4694: Consistency error in dictionary.

Text	Consistency error in dictionary.
Expl.	During definition or retrieval of processing rules, a consistency error within the dictionary"s processing rules was discovered.
Actn.	Contact your dictionary administrator.

NAT4695: Processing rule already exists.

Text	Processing rule already exists.
Expl.	The name specified for the processing rule which is to be added to the dictionary already exits.
Actn.	Use another name for the processing rule.

NAT4696: Specification of prefix not allowed here.

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Text	Specification of prefix not allowed here.
Expl.	A new prefix may not be introduced with extended field editing. Existing prefixes may only be changed to correspond with program labels.
Actn.	Use the post-assign facility to specify new prefixes.

NAT4697: Page size must be 3 - 250.

Text	Page size must be be 3 - 250.
Expl.	If Standard Keys are set to Y, the minimum page size is 3.
Actn.	Specify correct page size.

NAT4698: Modification rejected by user exit.

Text	Modification rejected by user exit.
Expl.	User exit activated in Predict DDA services.
Actn.	Please contact your DBA to allow the modification of free rules.

NAT4699: Number of occurrences has to be greater than zero.

Text	Number of occurrences has to be greater than zero.
Actn.	Set number of occurrences to a value greater than "0".

NAT4700: DDM does not exist, or you are not allowed to access it.

Text	DDM does not exist, or you are not allowed to access it.
Expl.	The specified DDM does not exist or is protected by Natural Security. The DDM can also be used in the data area of a program and the program is included in the map editor.
Actn.	Enter valid DDM name or check program; or contact your Natural Security administrator.

Natural System Error Messages NAT4701-NAT4750

NAT4701: No data defined in program.

Text	No data defined in program.
Expl.	The program (or subprogram, subroutine, helproutine) to be displayed in the top half of the editing screen does not contain any explicit field definitions.
Actn.	Check program to be displayed, and have the data area used by the program displayed to see the desired variables.

NAT4702: Field/parameter type is missing.

Text	Field/parameter type is missing.
Expl.	Field/parameter type must be specified.
Actn.	Enter a field/parameter type.

NAT4703: Do not enter starting value for an index which is "0".

Text	Do not enter starting value for an index which is "0".
Expl.	For a dimension whose index is "0" you cannot specify a "Starting from" value.
Actn.	Either specify an index, or remove starting value.

NAT4704: Dynamic layout not possible for WRITE statement.

Text	Dynamic layout not possible for WRITE statement.
Expl.	You cannot use a dynamic layout map for a map that is to be output via a WRITE statement.
Actn.	Correct error.

NAT4705: Verification name already exists, but is not a free rule.

Text	Verification name already exists, but is not a free rule.
Expl.	The verification you have specified already exists and is defined in Predict as an automatic rule.
Actn.	Specify other verification name.

NAT4706: Rejected by Predict defaults.

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Text	Rejected by Predict defaults.
Expl.	The switch "Rule in Map Editor" in the Predict Defaults is set to "D" (disallowed).
Actn.	Ask your Predict administrator to change the default.

NAT4707: Do not enter a rule name and source text at same time.

Text	Do not enter a rule name and source text at same time.
Expl.	Enter either a free rule name to include the rule source from Predict into the rule editor, or enter source text, press ENTER and then enter a rule name to save the source in Predict.
Actn.	Remove either the rule name or the source text and press ENTER again.

NAT4708: Do not apply a processing rule to an output field.

Text	Do not apply a processing rule to an output field.
Expl.	A processing rule that is attached to an output field is not executed.
Actn.	Remove the processing rule or change the field class.

NAT4709: Internal error:1:while searching library path for object.

Text	Internal error:1:while searching library path for object.
Expl.	An unexpected internal error occurred while searching for an object in the current library and concatenated libraries.
Actn.	Contact Software AG support.

NAT4710: Table overflow, too many variables defined.

Text	Table overflow, too many variables defined.
Expl.	The number of variables in a map has been exceeded. The maximum number is 500 variables.
Actn.	Reduce the number of variables to fewer than 501.

NAT4748: XREF request disallowed by Natural Security.

Text	XREF request disallowed by Natural Security.
Expl.	In a Natural Security environment, the XREF switch can only be set to a value more detailed as defined in the appropriate security profile. The following table shows the valid combinations: definition ! request by the XREF command in security ! profile ! off on force ----------+---------- off ! + + + on ! - + + force ! _ _ +
Actn.	Check data and correct error or contact the DBA to modify the appropriate security profile.

NAT4749: Function not possible with DBID = 0.

Text	Function not possible with DBID = 0.
Expl.	To generate the Natural cross references the DBID of the Natural system file, where the module is to be stored, must not be zero.
Actn.	Contact the DBA to generate a valid Natural parameter module or invoke Natural and overwrite the value of the data base identification dynamically.

NAT4750: Invalid input data.

Text	Invalid input data.
Expl.	Invalid data have been specified for the field.
Actn.	Specify valid input data.

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Natural System Error Messages NAT4751-NAT4800

NAT4751: A:1:must be entered.

Text	A ... must be entered.
Actn.	Enter a ... .

NAT4752: Entry must be an integer ranging from:1:to:2:.

NAT4753: Use at least one of the keywords.

NAT4754: Requested function key not allocated.

NAT4755: Mark pop-ups to be shown with "S".

NAT4756: Press PF5 to execute generated SQL, or PF4 for Free Mode.

NAT4757: Invalid:1:specified.

NAT4758: :1:with that name does not exist.

NAT4759: Use exactly 1 of the keywords.

NAT4760: No fieldproc allowed for Long Varchar or Long Vargraphic

NAT4761: Entry may be only the keyword UNIQUE.

NAT4762: :1:must be entered. Press ENTER to proceed.

NAT4763: Enter either a catalog name or a stogroup name.

NAT4764: Entry must be an integer.

NAT4765: Invalid syntax. Enter valid data.

NAT4766: Copying a block in between the same block is not allowed.

NAT4767: Point command issued, but no line was marked with ".N".

NAT4768: No ".I", ".W" between X-Y possible, if ".MX-Y" issued.

NAT4769: Member for insertion not found.

NAT4770: Scan command entered without scan value.

NAT4771: Enter number of FREEPAGES and/or PCTFREE(integer).

NAT4772: Number:1:in PRIMARY KEY field entered more than once.

NAT4773: :1:with that name already exists.

NAT4774: Enter valid:1:.

 Natural System Error Messages NAT4751-NAT4800

NAT4775: Mark either:1:or:2:.

NAT4776: Please mark your choice.

NAT4777: Do not mark both::1:and:2:.

NAT4778: Command sucessfully executed.

NAT4779: Entry may be only:1:or:2:.

NAT4781: create TABLE, VIEW and INDEX disabled from Predict

NAT4782: Select:1:key columns with "S" or ordered with "1-16".

NAT4783: Max. 16:1:key columns allowed.

NAT4784: :1:key columns must be NOT NULL.

NAT4785: Max. 16 primary key columns allowed.

NAT4786: Enter name of:1:.

NAT4787: Enter name of referenced table.

NAT4788: Select column(s).

NAT4790: Default ASC is taken.

NAT4791: Specify columns of:1:.

NAT4792: Number:2:in:1:key field entered more than once.

NAT4793: FOR ... DATA allowed for CHAR, VARCHAR, LONGVARCHAR

NAT4794: Enter S,M or B(SBCS, Mixed or BIT) in FOR ... DATA clause

NAT4795: :1:must be marked with "S".

NAT4796: :1:not allowed for datatype:2:.

NAT4797: CCSID not allowed if FOR ... DATA specified.

NAT4800: Enter valid function code.

Text	Enter valid function code.
Actn.	Enter valid function code.

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Natural System Error Messages NAT4801-NAT4850

NAT4801: Function only applicable to source programs.

Text	Function only applicable to source programs.
Expl.	The selected function can only be used with source programs, not object programs.
Actn.	Enter valid function.

NAT4802: Library type must be "S" or "O".

Text	Library type must be "S" or "O".
Expl.	Valid library types are "S" for source and "O" for object.
Actn.	Enter a valid library type.

NAT4803: Invalid object specified.

Text	Invalid object specified.
Expl.	Only the following object codes are valid: A - Programs, maps, and data areas V - Natural views (DDMs) P - Editor, map, and device profiles E - User and system error message texts For details, refer to the Natural documentation.
Actn.	Enter a valid code.

NAT4804: Enter valid library ID.

Text	Enter valid library ID.
Expl.	A valid library ID must be entered for the functions LIST, COPY, MOVE, or DELETE.
Actn.	Enter valid library ID.

NAT4805: Enter valid command code.

Text	Enter valid command code.
Expl.	Valid command codes are: P Select individual program * Selection menu ? Help information . Terminate " " Return to menu
Actn.	Enter valid command code.

NAT4806: Enter program name.

Text	Enter program name.
Expl.	If individual programs are specified with command "P", a valid program name must be entered.
Actn.	Enter valid program name.

NAT4807: Enter a valid database ID.

Text	Enter a valid database ID.
Expl.	A valid database identification must be specified for the SYSMAIN functions. Database numbers allowed are: 0 for default database. 1-253 for specific database.
Actn.	Enter valid database number.

NAT4808: Invalid "new name" specified.

Text	Invalid "new name" specified.
Expl.	When specifying names for libraries (applications) and/or programs, data areas and maps, the names must conform to Natural naming conventions.
Actn.	Check and correct the name(s) of the object or library specified.

NAT4809: Enter a system file number.

Text	Enter a system file number.
Expl.	A valid system file number in the range from 1 to 255 must be in MOVE and COPY commands.
Actn.	Enter a valid system file number.

NAT4810: All data rejected by these selection criteria.

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Text	All data rejected by these selection criteria.
Expl.	All data initially selected for processing have been rejected. Rejection can occur for a number of reasons; for example: 1) Object type did not match the object type specified. 2) Date was not within the specified date range. 3) A subroutine could not be processed because the internal subroutine name already existed for another object. 4) The object could not be copied/moved/renamed because the REPLACE option was set to "NO" and the object already existed in the target library. 5) The RECAT option is "ON" and a cataloged object may only be processed if the saved object exists. 6) The RECAT option is "ON" and a saved object may not be processed separately from an already existing cataloged object.
Actn.	Normal termination, but you should verify the selection criteria specified.

NAT4811: "Copy/move" to same environment is not allowed.

Text	"Copy/move" to same environment is not allowed.
Expl.	The COPY and MOVE functions must always have different source and target environments (i.e. different DBID/FNR specifications and/or different library specifications). For error texts, application, DBID, file number and file name (FCT) may be the same for source and target environment if the language code is different.
Actn.	Enter different target library or different system file.

NAT4812: Internal error.

Text	Internal error.
Expl.	An internal error has occurred while processing name lists.
Actn.	Note error and contact Software AG.

NAT4813: "Move/copy" operation executed.

Text	"Move/copy" operation executed.
Expl.	The requested MOVE/COPY function has been successfully executed.
Actn.	No action required.

NAT4814: Invalid object type(s) specified.

Text	Invalid object type(s) specified.
Expl.	One or more of the object types requested are not valid. The object type varies with the function requested. When processing programs, data areas or maps, valid object type codes are: S, N, P, G, L, A, H, C, M, T, Z When processing profiles, valid object type codes are: E, M, D, P When processing error messages, valid object type codes are: S, L The object type code "*" indicates all types.
Actn.	Check the code(s) and correct the error.

NAT4815: Processing terminated at user"s request.

Text	Processing terminated at user"s request.
Expl.	During processing of a function, you have interrupted the processing (for example, by pressing a PF-key or "Program Interrupt/Test Request" key, or by tying a "." on the previous screen).
Actn.	Normal termination has occurred. No action required.

NAT4816: Invalid date or time specified.

Text	Invalid data or time specified.
Expl.	The date or time specified is not correct. The date format must coincide with the format specified with the Natural profile parameter DTFORM (as described in the Natural Operations documentation). The month range must be from 1 to 12, and the day must correspond with the month (including leap years). The time format must be HH:II.
Actn.	Make sure that you specify date and time in the correct format and range.

NAT4817: Date range out of sequence. TO DATE must be > FM DATE.

Text	Date range is out of sequence. TO DATE must be > FM DATE.
Expl.	A FROM date cannot be logically greater than a TO date.
Actn.	Check the dates and specify the FROM - TO range correctly.

NAT4818: Library has been successfully listed.

Text	Library has been successfully listed.
Expl.	A request to list a specific library was made. This message will appear at the end of that request if normal termination has occurred.
Actn.	No action required.

NAT4819: Invalid selection code specified.

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Text	Invalid selection code specified.
Expl.	One or more codes specified on the selection screen are not correct. The valid codes are: I - Directory info (cataloged and/or saved objects) L - List source (saved objects only) H - Print source (saved objects only) C - Perform specified function on cataloged object only S - Perform specified function of object source only A - Perform specified function on both cataloged and/or saved objects. This code may also be used if only the saved or cataloged object exists. If the profile parameter RECAT is set to "ON", code "C" is also incorrect.
Actn.	Check selections and correct the error(s) highlighted.

NAT4820: Selected program does not exist.

Text	Selected program does not exist.
Expl.	The selected program does not exist in the library specified.
Actn.	Check program name and library name.

NAT4821: Invalid request with dynamic recatalog.

Text	Invalid request with dynamic recatalog.
Expl.	A request has been made which is not valid in an environment where the parameter RECAT is set to "ON". In an environment with active dynamic recataloging, cataloged and saved objects must be processed together. The only exception is if the saved object exists without a corresponding cataloged object, for example copycode.
Actn.	Check the selected request and correct the error.

NAT4822: Invalid "rename" request.

Text	Invalid "rename" request.
Expl.	The requested RENAME function cannot be performed with the selection criteria specified. The Selection List, Object Name and/or New Name are not compatible with one another. In batch mode, this may occur when the range notation is used with the Object Name.
Actn.	Check the selection criteria and correct the error. If necessary, contact your Natural administrator.

NAT4823: Invalid selection code specified for option.

Text	Invalid selection code specified for option.
Expl.	In SYSMAIN, the Library Selection screen allows you to specify the following additional options during processing: L - List all objects in a library S - List all external subroutine names in a library ? - Help . - Terminate the current processing.
Actn.	Check the selection(s) made and correct the error.

NAT4824: Requested option(s) processed successfully.

Text	Requested option(s) processed successfully.
Expl.	During the normal processing of a SYSMAIN function, you may perform several options, for example: - listing directory information; - listing all subroutines, by name, in a library; - listing a specific saved object. The processing of the requested option(s) was finished successfully.
Actn.	No action required.

NAT4825: Input command string too long.

Text	Input command string too long.
Expl.	When invoking SYSMAIN with a direct command (either in batch or online), the maximum number of elements that may be passed in a single command string is 36. If SYSMAIN detects a number greater than this, processing is terminated.
Actn.	Review the command string specified to SYSMAIN and reduce the number of elements in the string.

NAT4826: Data not numeric.

Text	Data not numeric.
Expl.	While processing the data for the DBID, FNR or SETNO parameters of the SYSMAIN command line, the data were found to be non-numeric. Values for DBID, FNR and SETNO must be in the following format: FNR n DBID n SETNO n where "n" is a 1- to 3-digit numeric value (1 to 2 digits for SETNO).
Actn.	Check the command line, and correct the data string specified.

NAT4827: XREF indicator must be "N", "Y", "F" or "S".

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Text	XREF indicator must be "N", "Y", "F" or "S".
Expl.	With Predict, the cross-reference indicator may be set to one of the following values: N - No (delete Xref information if object is deleted) Y - Yes (maintain all Xref information) F - Force (verify Predict enry for program and maintain all Xref information) S - Special (Xref information is processed if existent, but existence of Xref data is no selection criterion) Under Natural Security, the XREF indicator may be changed only to a "higher" setting: for example, if it is "Y", you may change it to "F", but not to "N".
Actn.	Check the field concerned and enter a correct value.

NAT4828: Invalid "copy/move/rename" of a subroutine.

Text	Invalid "copy/move/rename" of a subroutine
Expl.	The subroutine name being copied/moved/renamed already exists in the target library assigned. The function is illegal, because duplicate subroutine names may not exist in a library for cataloged objects.
Actn.	Check the object(s) concerned and correct the error(s).

NAT4829: Invalid function requested.

Text	Invalid function requested.
Expl.	The function requested is either invalid or has not yet been implemented. Refer to the Natural Administrator"s documentation for further help.
Actn.	Check function requested and correct the error.

NAT4830: "Scan" and "replace" values must be different.

Text	"Scan" and "replace" values must be different.
Expl.	The SCAN VALUE and REPLACE VALUE fields contain the same values or character strings.
Actn.	Change either the SCAN VALUE or the REPLACE VALUE field so that they do not contain the same value.

NAT4831: "Replace" must not be used with specified object type.

Text	"Replace" must not be used with specified object type.
Expl.	Natural uses a number of different object types for various different facilities and functions. Certain object types may not be specified when using the REPLACE option of SCAN, because the impact of doing the REPLACE may have serious implications on the activity of the Natural environment. The object types which may NOT be specified with the REPLACE option are G (Global Data), L (Local Data), A (Parameter Data) and M (Maps). When scanning an entire library. the above object types will be listed only, but not edited; however, you may issue an E or EDT command within SCAN to edit the object.
Actn.	Remove any values for the REPLACE VALUE field, set NULL REPLACE to "N", or specify a different object type.

NAT4832: A "?" may not be requested for object type (batch only).

Text	A "?" may not be requested for object type (batch only).
Expl.	A "?" may only be specified for the Object Type field of the SCAN utility in a TP environment, not in a batch environment.
Actn.	Determine the correct setting of the Object Type parameter before using the SCAN utility in batch mode.

NAT4833: Enter a valid object type.

Text	Enter a valid object type.
Expl.	The code specified for the object type was not valid. The valid values are: A, C, G, H, L, M, N, P, S, *, ?, blank A "?" will allow you to select a valid code from a list. A "*" or " " (blank) will result in all object types being scanned in a library. For additional information, you may refer to the Natural documentation, use the help function of SCAN, or ask your Natural administrator.
Actn.	Enter a valid object type.

NAT4834: Enter a valid function code.

Text	Enter a valid function code.
Expl.	An incorrect function code was entered. Valid function codes are: "S", "." and "?".
Actn.	Correct the function code and continue.

NAT4835: Library may not be blank.

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Text	Library may not be blank.
Expl.	SCAN will scan only one library at a time. Therefore, a valid library name - or application name (Natural Security) - must be specified.
Actn.	Specify a valid library/application name.

NAT4836: Internal error with "edit": 0000 - contact DBA.

Text	Internal error with "edit": 0000 - contact DBA.
Expl.	SCAN must edit an object before a SCAN/REPLACE is done. If any error is received while editing an object, SCAN will terminate with an error - ERROR: 0000.
Actn.	Contact your database administrator.

NAT4837: Internal error with "scan": 0000 - contact DBA.

Text	Internal error with "scan": 0000 - contact DBA.
Expl.	While SCAN was scanning an object, an error was detected. SCAN will terminate with an error - ERROR: 0000.
Actn.	Contact your database administrator.

NAT4838: Enter new name for "rename" function.

Text	Enter new name for "rename" function.
Expl.	The RENAME function requires that a new program name be specified.
Actn.	Enter new program name.

NAT4839: Specified library is protected by security definition.

Text	Specified library is protected by the security definition.
Expl.	You have attempted to do a SCAN/REPLACE on a library/application whose Natural Security profile does not allow this function.
Actn.	Contact your Natural Security administrator.

NAT4840: Enter a valid command (? blank E EDT I L LET LIST Q .).

Text	Enter a valid command (? blank E EDT I L LET LIST Q .).
Expl.	Valid commands are: Q or . Interrupt SCAN/REPLACE processing and return to the menu. E Invoke the full screen editor to edit an object. EDT Invoke the line editor to edit an object. I Ignore processing of the current object and continue with the next object. Do not save any modifications made. L or LIST List the object currently being scanned/replaced. LET Ignore all editing modifications made after ENTER was last pressed. blank Continue with normal processing. ? or PF1 Invoke SCAN"s help facility. PF2 Interrupt SCAN/REPLACE processing. Return to the menu. PF3 Interrupt SCAN/REPLACE processing. Return to last function.
Actn.	Enter a valid command or press a valid PF key.

NAT4841: "Scan/replace" terminated by user action.

Text	"Scan/replace" terminated by user action.
Expl.	You have requested the termination of SCAN and are returned to the menu. The SCAN/REPLACE will not be completed; however, all modifications made before termination was requested, will be saved.
Actn.	No action required.

NAT4842: "Scan/replace" interrupted by user action.

Text	"Scan/replace" interrupted by user action.
Expl.	You have terminated the SCAN/REPLACE operation. Any modifications performed on the object currently being processed will be lost. You will be returned to the menu.
Actn.	No action required, as termination was done at your request.

NAT4843: "Scan/replace" has successfully terminated.

Text	"Scan/replace" has successfully terminated.
Expl.	The selection criteria specified for the SCAN/REPLACE operation have been processed successfully. Processing terminated normally; you will be returned to the menu.
Actn.	No action required.

NAT4844: Scan value must not be blank.

Text	Scan value must not be blank.
Expl.	The SCAN operation cannot be executed without a value or character string being specified for the SCAN VALUE field.
Actn.	Enter a value or character string in the SCAN VALUE field.

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NAT4845: Error NATnnnn received when processing object <object>.

Text	Error NATnnnn received when processing object <object>.
Expl.	If SCAN receives a Natural error code while scanning or replacing a specific object, this message will be returned with the specific Natural error code and the name of the object being processed when the error occurred. Examples of this type of error are: NAT0082 - The object selected was purged before it could be scanned. NAT3148 - The database was terminated during the scan process.
Actn.	Enter "? nnnn" for an explanation of error message NATnnnn. If necessary, contact your database administrator for additional information.

NAT4846: "Replace" operation protected by security definition.

Text	"Replace" operation protected by security definition.
Expl.	To execute the REPLACE operation in a Natural Security environment, the following Natural commands must be allowed in the appropriate user/application profile: READ, SAVE (and either EDIT or EDT).
Actn.	Contact your Natural Security administrator and review the security profile which is in effect during the execution of SCAN.

NAT4847: Object type is protected by security definition.

Text	Object type is protected by security definition.
Expl.	Natural has a number of different object types for use with the various Natural facilities and functions; for example, "P" for programs "N" for subprograms, "G" for global data areas, etc. If a specific object type is entered for the SCAN function, SCAN will verify whether you have access to that object type by checking your security definition.
Actn.	Contact your Natural Security administrator to review the Natural Security profile in effect during the SCAN processing.

NAT4848: Status of programs/modules displayed successfully.

Text	Status of programs/modules displayed successfully.
Expl.	Status information on programs/modules in the user"s library which meet the specified search criteria, has been successfully displayed.
Actn.	No action required.

NAT4849: Invalid date specification.

Text	Invalid date specification.
Expl.	The date was incorrectly entered. A data must be entered in the form for international date (YY-MM-DD).
Actn.	Enter correct date in correct form.

 Natural System Error Messages NAT4801-NAT4850

NAT4850: Invalid range specification.

Text	Invalid range specification.
Expl.	The range for a search criterion was specified incorrectly. The start value must be less than or equal to the end value.
Actn.	Correct error.

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Natural System Error Messages NAT4851-NAT4900

NAT4851: No program/module with specified criteria found.

Text	No program/module with specified criteria found.
Expl.	No program/module in the user"s library meets the specified search criteria.
Actn.	Check data and specify search criteria more precisely.

NAT4852: Function disallowed by security definition.

Text	Function disallowed by security definition.
Expl.	The desired function is disallowed by the Natural Security - library profile, - SYSMAIN utility profile.
Actn.	Contact your Natural Security administrator.

NAT4853: No module found in library.

Text	No module found in library.
Expl.	While executing the SIZE command, no module which meets the search criteria was found.
Actn.	Check module name.

NAT4854: "Size" operation protected by security definition.

Text	"Size" operation protected by security definition.
Expl.	To execute the SIZE command in a Natural Security environment, you must be allowed to use the command EXECUTE.
Actn.	Contact your Natural Security administrator.

NAT4855: No objects found for specified "scan" criteria.

Text	No objects found for specified "scan" criteria.
Expl.	SCAN will do processing only according to the criteria specified. Only the objects which satisfy the specifications will be displayed, otherwise SCAN will return to the menu.
Actn.	No action required, since SCAN has terminated normally.

NAT4856: Invalid field combination with "rename" function.

Text	Invalid field combination with "rename" function.
Expl.	When you use the "rename" function of SYSMAIN and have entered a specific name in the Object Name field, you must also enter a New Name. Alternatively, the range notation using a "?", "<", ">" or "*" may be used; in which case no New Name is to be specified.
Actn.	Check values specified and correct error.

NAT4857: File type is not valid for specified file.

Text	File type is not valid for specified file.
Expl.	When using SYSMAIN only specific file types are supported. The file type is determined using the DBID and FILE number specified for the source and target files. Valid file types are: Adabas V4 DB2 SESAM VAX (Adabas) Adabas V5 DL1 USER VSAM
Actn.	Check the DBID and FILE number specified and correct them.

NAT4858: Access to library is not allowed.

Text	Access to library is not allowed.
Expl.	When you use the SYSMAIN utility under Natural Security, you are not allowed to access a "private library" of another user. Only access to your own (private) library is possible. This error occurs: - if you perform the LIST/FIND function and attempt to select a private library; or, - if you perform the COPY/MOVE/DELETE/RENAME function and have specified a private library as source/target library.
Actn.	Use only libraries which you are allowed to use.

NAT4859: New "rename" data must be different.

Text	New "rename" data must be different.
Expl.	When using the RENAME function of SYSMAIN, the new data of the object (saved or cataloged), profile or view must be different from the old data.
Actn.	Correct error.

NAT4860: Enter either a valid function code or a command.

Text	Enter either a valid function code or a command.
Expl.	Either a valid function code or a command must be entered in the appropriate fields.
Actn.	Enter either a valid function code or a valid command.

NAT4861: Enter a valid library name.

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Text	Enter a valid library name.
Expl.	A library name must be specified.
Actn.	Check the library name specified and correct the error.

NAT4862: Invalid character in library name.

Text	Invalid character in library name.
Expl.	A valid library name must be specified. An asterisk (*) or a question mark (?) indicating a range of values is not permitted.
Actn.	Enter a valid library name.

NAT4863: Database identification must be 0 - 253.

Text	Database identification must be 0 - 253.
Expl.	A valid database identification (DBID) must be specified. Valid DBIDs are: 0 - default database 1 - 253 - specific database.
Actn.	Enter a valid database identification.

NAT4864: File number must be 1 - 255.

Text	File number must be 1 - 255.
Expl.	A valid system file number in the range from 1 to 255 must be specified.
Actn.	Enter a valid file number.

NAT4865: Invalid type of Natural system file.

Text	Invalid type of Natural system file.
Expl.	An invalid value for system-file identification was entered. Possible values are: A - Adabas system file, V - VSAM system file.
Actn.	Enter "A" or "V" as type of system file.

NAT4866: Invalid name specified for file.

Text	Invalid name specified for file.
Expl.	If the Natural system file is not an Adabas file, the name of the system file being accessed must be specified. This applies to the following system file types: V - VSAM 2 - DB2 U - USER D - DL/I S - SESAM
Actn.	Enter a value for the "Name" field.

NAT4867: Nothing found for this request.

Text	Nothing found for this request.
Expl.	Either no data meet the specified selection criteria, or you did not request any processing to be done from the selection screen. This is a normal termination message.
Actn.	No action required.

NAT4868: Function completed successfully.

Text	Function completed successfully.
Expl.	The function has successfully terminated, and all data selected have been processed normally.
Actn.	No action required.

NAT4869: Not all module(s)/program(s) were processed.

Text	Not all module(s)/program(s) were processed.
Expl.	The function was not executed for all specified module(s)/program(s). Either the module specified in the selection menu was deleted in the meantime by another user, or the module(s)/program(s) could not be overwritten because the REPLACE option was set to "NO".
Actn.	Correct error.

NAT4870: Syntax error in command line.

Text	Syntax error in command line.
Expl.	A syntax error was detected when evaluating the command line during command processing: the command to be processed was not a valid command Either you have entered a command which does not exist, or you have specified a command incorrectly (e.g. wrong sequence of parameters). The actual command being processed may be indicated in parentheses at the end of the error message.
Actn.	Check the command line and correct the error.

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NAT4871: Invalid object name specified.

Text	Invalid object name specified.
Expl.	A valid name must be entered in the field "Object Name" before processing can continue.
Actn.	Check data and correct error.

NAT4872: No XREF information found for object.

Text	No XREF information found for object.
Expl.	The XREF indicator is set to either "Y" or "F", but the specified Predict (FDIC) file contains no XREF information for the object being processed.
Actn.	Check the FDIC file specified, the XREF indicator, and the status of the XREF information for the object in error.

NAT4873: Libraries listed successfully.

Text	Libraries listed successfully.
Expl.	The libraries satisfying the specified search criteria were listed successfully.
Actn.	No action required.

NAT4874: Selected number out of range.

Text	Selected number out of range.
Expl.	Only numbers displayed on the selection menu may be selected.
Actn.	Enter a valid number.

NAT4875: Program does not exist.

Text	Program does not exist.
Expl.	No program exists for the selected number.
Actn.	Select another number.

NAT4876: No libraries found.

Text	No libraries found.
Expl.	No library was found which meets the search criteria.
Actn.	Verify search criteria.

NAT4877: Program listed successfully.

Text	Program listed successfully.
Expl.	The Natural program was listed successfully.
Actn.	No action required.

NAT4878: Function not allowed by security definition.

Text	Function not allowed by security definition.
Expl.	To execute the desired function in a Natural Security environment, the library to be processed must be either your "private library", a public library, or a people-protected library of which you are an "owner" (if co-owners exist, the required countersignatures must be obtained). Moreover, the use of the corresponding Natural commands - SAVE, CATALOG, STOW, SCRATCH, PURGE, UNCATALOG - must be allowed in that library.
Actn.	Do not use this function; or contact your Natural Security administrator.

NAT4879: Range not permitted in batch processing.

Text	Range not permitted in batch processing.
Expl.	When using the RENAME function of the utility SYSMAIN via a direct command in batch mode, a range of modules/programs must not be specified with the "*" or "?" notation.
Actn.	Do not use "*" or "?" notation in batch mode.

NAT4880: Enter valid command, or enter "?" for help.

Text	Enter valid command, or enter "?" for help.
Expl.	An invalid command was entered. For a list of valid command, you may enter a "?".
Actn.	Enter a valid command, or enter a "?" for help.

NAT4881: Buffer pool maintenance failed.

Text	Buffer pool maintenance failed.
Expl.	The Natural buffer pool maintenance failed, because the Natural buffer pool is either not installed or has been disabled after an abend.
Actn.	Contact your Natural administrator.

NAT4882: Buffer pool maintenance performed.

Text	Buffer pool maintenance performed.
Expl.	Maintenance of the Natural buffer pool was performed.
Actn.	No action required.

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NAT4883: TP user ID required.

Text	TP user ID required.
Actn.	Enter a valid TP user ID.

NAT4884: Invalid database ID.

Text	Invalid database ID.
Expl.	A database identification in the range 0 - 255 must be entered.
Actn.	Enter a valid database identification.

NAT4885: Invalid file number.

Text	Invalid file number.
Expl.	A file number in the range from 0 to 255 must be entered.
Actn.	Enter a valid file number.

NAT4886: Please enter a valid library name.

Text	Please enter a valid library name.
Expl.	A valid name for a Natural library must be entered.
Actn.	Enter a valid library name.

NAT4887: Please enter a valid module name.

Text	Please enter a valid module name.
Expl.	A valid name for a Natural module must be entered.
Actn.	Enter a valid module name.

NAT4888: Currently no logical files available.

Text	Currently no logical files available.
Expl.	The utility makes use of "logical files" to perform any required processing. If all logical files are in use, processing is terminated abnormally. SYSPROF may be used to display the current file settings.
Actn.	Contact your database administrator for additional help.

NAT4889: Library is not defined to Natural Security.

Text	Library is not defined to Natural Security.
Expl.	You have requested access to a library which is not defined to Natural Security. In the case of SYSMAIN, this may occur when you are maintaining libraries which are defined to another security environment. If you wish to do maintenance across security environments, you should use the SYSMAIN command "CMD FSEC". For further information, please refer to the Natural documentation.
Actn.	Check the selection criteria and correct the error.

NAT4890: Invalid owner/co-owner confirmation.

Text	Invalid owner/co-owner confirmation.
Expl.	The countersignature specified for an owner-protected application must be valid for a co-owner to use an application; or the user is NOT an owner of the application.
Actn.	Specify the correct countersignature for the security environment being accessed.

NAT4891: Invalid DBID and/or FNR specified for a library.

Text	Invalid DBID and/or FNR specified for a library.
Expl.	The DBID and FNR specified for a library protected by Natural Security must correspond to the DBID and FNR specified in the security profile for the library.
Actn.	Either correct the DBID/FNR, or change the FSEC definition using the "CMD FSEC" command.

NAT4892: Invalid Predict file(s) defined.

Text	Invalid Predict file(s) defined.
Expl.	The FDIC parameter is pointing to a database and/or file which is not a valid file for Predict. This causes an error during the deletion of XREF data. - If the FDIC parameter is correct, you should verify the settings of the SYSMAIN FDIC database(s) and/or file(s), since these will override the session FDIC parameter. Note that with XREF support the Predict version must be 2.3 or above. - If the XREF parameter is set to "N", no check will be done online. In batch, the nucleus should not have the XREF module linked.
Actn.	Check the current settings of the Natural paremeter FDIC and the SYSMAIN FDIC parameters, and correct the error.

NAT4893: Normal completion, but some data were rejected.

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Text	Normal completion, but some data were rejected.
Expl.	During processing of a function which does not result in the display of a selection screen, processing continues even if objects are rejected. There are numerous reasons why objects are rejected, and these are listed under error NAT4810. If you wish to monitor the status of each each object as it is processed, use the selection screen (using the "?" option). This is a normal end-of-processing message.
Actn.	No action required.

NAT4894: Invalid error number specified.

Text	Invalid error number specified.
Expl.	The FROM error number has been specified incorrectly: either no range notation has been specified, the FROM number is greater than the TO number, or the range notation is invalid. In batch, this error may also occur if any of the specified error numbers (ERROR FM, ERROR TO, NEW ERROR FM, NEW ERROR TO) are not numeric. Valid specifications of numeric numbers are: 1 or 01 or 001 or 0001
Actn.	Check the error number specifications, and correct the error.

NAT4895: Invalid language code specified.

Text	Invalid language code specified.
Expl.	The language code specified is invalid. Refer to the Natural Reference documentation for further information on language codes.
Actn.	Enter a valid language code.

NAT4896: Invalid processing request for extended error message.

Text	Invalid processing request for extended error message.
Expl.	When moving, copying or renaming an extended error message, there must always be a corresponding short error message. If there is no short error message in the source environment, the extended error message will not be processed. If there is not short message in the target environment, this error message will be output. Processing of both, short and extended messages, together is valid.
Actn.	Correct error.

NAT4897: Invalid error application specified.

Text	Invalid error application specified.
Expl.	The specified error application is invalid for the requested function. It may be a non-existent application, or you have tried to move, copy or rename a user error message to a system error message. Deletion of a system error message has been disallowed. The message may, however, be moved, copied, or renamed.
Actn.	Check the application indicated, and correct the error.

NAT4898: Invalid error number specified with "rename".

Text	Invalid error number specified for "rename".
Expl.	When renaming (renumbering) error messages, all error number specifications (ERROR FM, ERROR TO, NEW ERROR FM, NEW ERROR TO) must be numeric and follow the rules listed below: 1) THE numbers must be in the correct combination as follows: A) only ERROR FM. B) ERROR FM and ERROR TO. C) ERROR FM and NEW ERROR FM. D) ERROR FM, ERROR TO, NEW ERROR FM and NEW ERROR TO. 2) If the range notation is used, the NEW ERROR FM must be higher by at least 2 than the THE ERROR FM. 3) If the range notation is used, the difference between ERROR FM and ERROR TO must be the same as NEW ERROR FM and NEW ERROR TO.
Actn.	Correct the error.

NAT4899: This feature is not implemented for VSAM system file.

Text	This feature is not implemented for VSAM system file.
Expl.	To use this feature, a Natural system file is required that is contained within an Adabas database.
Actn.	Select another feature.

NAT4900: Too many names specified.

Text	Too many names specified.
Expl.	For the commands UNCATALOG, PURGE and SCRATCH, a list of up to 40 names of Natural modules/programs may be entered for deletion.
Actn.	Reduce number of names.

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Natural System Error Messages NAT4901-NAT4950

NAT4901: Invalid data for batch environment.

Text	Invalid data for batch environment.
Expl.	In a batch environment, the input for an UNCATALOG/PURGE/SCRATCH command can only consist of a list of names for Natural modules/programs. At least 1 name must be entered. A maximum of 40 names can be entered. Asterisk notation is not permitted.
Actn.	Enter one or more valid names.

NAT4902: Only one generic key permitted.

Text	Only one generic key permitted.
Expl.	Only one generic key is permitted per invocation of the UNCAT/PURGE/SCRATCH command. A generic key is a character string, which may be empty, truncated by an asterisk. The use of a generic key results in the display of a menu which contains all modules/programs starting with the character string. These modules/programs may be marked for further processing.
Actn.	Enter valid data.

NAT4903: Do not use both, list of names and asterisk notation.

Text	Do not use both, list of names and asterisk notation.
Expl.	For the UNCATALOG/PURGE/SCRATCH commands, you can either enter a list of Natural module/program names or use asterisk notation, but not both.
Actn.	Correct error.

NAT4904: No module(s)/program(s) found in current library.

Text	No module(s)/program(s) found in current library.
Expl.	No module/program was found which meets the search criteria.
Actn.	Make sure that the correct search criteria were used.

NAT4905: New error range may not overlap the current error range.

Text	New error range may not overlap the current error range.
Expl.	When renumbering (renaming) ranges of errors, overlaps of ranges are not permitted within the same application (for reasons of data integrity). The NEW ERROR FROM must be smaller than the original ERROR FROM or greater than the original ERROR TO. Example: When renumbering errors 10 to 20 as 13 to 23; number 10 would be moved to 13, but 13 would be moved to 17, and 17 would be moved to 20, etc.; thus, error number 10 would be duplicated. If the NEW ERROR FROM were smaller than 10 or greater than 20, this . would not occur. If you cannot avoid overlapping with the ranges of numbers available to you, renumber the errors to a dummy application and then from the dummy application to the original application.
Actn.	Chekc the error numbers and the application, and correct the error.

NAT4906: User exit was invoked but no longer exists.

Text	User exit was invoked but no longer exists.
Expl.	At initialization of SYSMAIN, the user exit 1 and/or 2 was active, but during processing the user exit could not be invoked. This may occur if the cataloged object is not cataloged in the SYSMAIN library.
Actn.	No action required. SYSMAIN will no longer invoke the user exit which caused the error.

NAT4907: Predict file invalid for processing of XREF data.

Text	Predict file invalid for processing of XREF data.
Expl.	When XREF data are processed (XREF parameter set to "Y", "F" or "S"), the Predict (FDIC) file must be a valid file for Predict Version 2.3 or above. (With SYSMAIN, you may use the command "SET FDIC" to override the current Predict file setting.) This error also appears if you are processing sets and the FDIC file is not a valid Predict file.
Actn.	Use a valid Predict file, or set the XREF indicator to "N", or set the set number to "0".

NAT4908: * NAT4908 - ERROR MESSAGE NOT AVAILABLE ***

NAT4909: Do not enter both, asterisk notation and list of names.

Text	Do not enter both, asterisk notation and list of names.
Expl.	For the UNCATALOG/PURGE/SCRATCH commands, you can either enter a list of Natural module/program names or use asterisk notation, but not both.
Actn.	Correct error.

NAT4910: Object is protected by Predict Application Control.

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Text	Object is protected by Predict Application Control.
Expl.	You cannot maintain the selected object because it is under the control of Predict Application Control.
Actn.	Contact your Predict Application Control administrator.

NAT4911: Set :1: cannot be found.

Text	Set ... cannot be found.
Expl.	The specified set cannot be found.
Actn.	Make sure that you have specified the correct User, Library, Library DBID/FNR, FDIC DBID/FNR, and Set Number.

NAT4912: PC Download must be "Y" or "N".

Text	PC Download must be "Y" or "N".
Expl.	When you export/download Natural objects to a PC, this option must be set to either "Y" (export) or "N" (normal processing).
Actn.	Specify correct value.

NAT4913: Work files 6 + 7 must be assigned to PCNEW for download.

Text	Work files 6 + 7 must be assigned to PCNEW for download.
Expl.	When you use the PC Download option, work files 6 and 7 must be assigned to PCNEW.
Actn.	Assign work files 6 and 7.

NAT4914: Library range must not be specified for sets.

Text	Library range must not be specified for sets.
Expl.	When a set is used as source location of objects, you can only specify specific library names, but not a range of libraries.
Actn.	Provide correct library specification.

NAT4915: Unload type must be "A", "C", "S" or "W".

Text	Unload type must be "A", "C", "S" or "W".
Expl.	The unload type must be one of the following: A - all objects (cataloged or saved), C - cataloged objects, S - saved objects, W - stowed objects.
Actn.	Specify a correct value.

NAT4917: When object is specified, library name is also required.

Text	When object is specified, library name is also required.
Expl.	When you specify an object name for unloading/loading, you must also specify a library name to identify the library in which the specified object is stored.
Actn.	Specify library name.

NAT4919: Compare option must be "S" (short) or "D" (differ).

Text	Compare option must be "S" (short) or "D" (differ).
Expl.	See Natural Utilities documentation, SYSMAIN Utility, for detailed explanation.
Actn.	Specify correct value.

NAT4920: Invalid command with a versioned library.

Text	Invalid command with a versioned library.
Expl.	Once a Natural library or application has been defined as being "versioned", the commands STOW, CATALOG, UNCATALOG, PURGE and SCRATCH must not be used on any programming objects.
Actn.	Use the STOWALL or VERSION utility to circumvent the problem.

NAT4921: Compare only available with Predict Application Control.

Text	Compare only available with Predict Application Control.
Expl.	SYSMAIN"s Compare option can only be used if Predict Application Control (PAC) is installed. If PAC is installed but Compare still does not work, use the SYSMAIN command "SET FSEC" to specify the FSEC source location where PAC is installed.
Actn.	Do not use Compare if PAC is not available; or specify valid FSEC source location before you use Compare.

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Natural System Error Messages NAT4951-NAT5000

NAT4960: Invalid access to Natural system file: return code :1:.

Text	Invalid access to Natural system file: return code ....
Expl.	During initialization of the logical file, an error with "return code" occurred.
Actn.	Contact your database administrator.

NAT4961: Logical file initialization failed: return code :1:.

Text	Logical file initialization failed: return code ....
Expl.	The utility makes use of logical files to perform any required processing. If all the available logical files are in use, processing is abnormally terminated. SYSPROF may be used to analyse the current settings.
Actn.	Contact your database administrator for additional help.

NAT4963: Invalid "expand-type" specified.

Text	Invalid "expand-type" specified.
Expl.	Valid "expand-types" are: P - Programs G - Global data areas N - Subprograms L - Local data areas S - External subroutines A - Parameter data areas H - Helproutines M - Maps C - Copycodes E - Error messages * - All object types You can either specify a single "expand-type", or several of them in any sequence without blanks in between.
Actn.	Specify correct "expand-type".

NAT4965: Object type(s) not correctly specified.

Text	Object type(s) not correctly specified.
Actn.	Specify object type(s) correctly.

NAT4967: Specified "expand object" not referenced in listed source.

Text	Specified "expand object" not referenced in listed source.
Expl.	You have specified an "expand object" to be listed within a listed source; however, the specified expand object is not referenced in the listed source.
Actn.	Enter valid command.

NAT4968: Object has been changed in the meantime by another user.

NAT4969: To select object, place cursor over object name.

Text	To select object, place cursor over object name.
Expl.	To display the source of an object that is referenced within the listed source, you must mark the NAME of that object with the cursor.
Actn.	Place cursor correctly for object selection.

NAT4970: Specified object(s) not found in listed source.

NAT4971: Object(s) not found.

NAT4972: No further occurrence of find value.

NAT4973: Specified value not found from current position.

NAT4975: No numeric value specified.

NAT4978: No object marked.

NAT4979: Object is not of specified type.

NAT4980: Not in Natural system file.

NAT4981: Subroutine is internal or not in current library.

Text	Subroutine is internal or not in current library.
Expl.	The subroutine you have selected to be displayed in ZOOM or EXPAND mode is either an internal subroutine (that is, contained in the source that is being listed) or an external subroutine whose source is not contained in the current library.
Actn.	Check if listed source or current library contains desired subroutine.

NAT4982: Specified value not found.

NAT4983: Only one object was selected for ZOOM display.

Text	Only one object was selected for ZOOM display.
Expl.	You have entered "PREV" or "NEXT" (or pressed PF4 or PF5) to move from the object currently displayed in the ZOOM window to the previous or next one. However, you have not used asterisk or wildcard notation for the object name specified with the ZOOM command, which means that only a single object is displayed in the ZOOM window.
Actn.	Enter valid command.

NAT4984: No further object found.

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NAT4985: Mark at least one.

NAT4986: No field specified or marked.

NAT4988: Value not found.

NAT4989: Selected object is not in current library.

Text	Selected object is not in current library.
Expl.	With the LIST command, you have specified an object whose source is not stored in the current library.
Actn.	Make sure, you are in the correct library. Or issue LIST command with asterisk/wildcard notation for list of objects in the current library.

NAT4990: FORMAT command can only be applied to a map/data area.

Text	FORMAT command can only be applied to a map/data area.
Expl.	With the LIST command, you have specified the FORMAT option. This option is only applicable to maps and data areas, but the listed object is not a map or data area.
Actn.	Do not use FORMAT for this object.

NAT4991: Only a stowed data area can be displayed formatted.

Text	Only a stowed data area can be displayed formatted.
Expl.	Only a stowed data area can be displayed formatted as only then is there a guarantee that the data area is syntactically correct - thus permitting formatting.
Actn.	Stow data area and retry.

NAT5000: LAST THREE DIGITS CONTAINCon-form ERROR CODE.

Natural System Error Messages NAT5001-NAT5050

NAT5001: UNRECOGNIZABLECon-form CONTROL STATEMENT.

NAT5002: INVALID OR MISSING OPERAND INCon-form CONTROL STATEMENT.

NAT5003: INVALID NUMERIC OPERAND INCon-form CONTROL STATEMENT.

NAT5004: INVALID USAGE OF TEXT VARIABLE.

NAT5005: INVALID OR MISSING TEXT VARIABLE NAME.

NAT5006: SYNTAX ERROR DETECTED INCon-form ".SV" STATEMENT.

NAT5007: INVALID TEXT VARIABLE NAME.

NAT5008: ERROR SUBCLAUSE SYNTAX ERROR.

NAT5009: INPUT SUBCLAUSE SYNTAX ERROR (MEMBER SPECIFICATION).

NAT5010: INPUT SUBCLAUSE SYNTAX ERROR (LIBRARY SPECIFICATION).

NAT5011: on-form INPUT LINE EXCEEDS MAXIMUM LENGTH.

NAT5012: STARTING SUBCLAUSE SYNTAX ERROR.

NAT5013: ENDING SUBCLAUSE SYNTAX ERROR.

NAT5014: PROFILE SUBCLAUSE SYNTAX ERROR.

NAT5015: on-form INPUT LINE TOO LONG; HAS BEEN TRUNCATED.

NAT5016: ERROR DURINGCon-form REPORT OUTPUT.

NAT5017: on-form: NEGATIVE NUMERIC VALUE IS NOT PERMITTED.

NAT5018: on-form: VALUE EXCEEDS MAXIMUM LINE LENGTH.

NAT5019: on-form: LINE TOO LONG FOR BEING CENTERED.

NAT5020: on-form: ERROR IN BOX DEFINITION (.BX STATEMENT).

NAT5021: ERROR IN TEXT VARIABLE ASSIGNMENT.

NAT5022: MAXIMUM FIELD LENGTH OF TEXT VARIABLE EXCEEDED.

NAT5023: VALIDATION ERROR DURING TEXT VARIABLE ASSIGN./EXTRACT.

NAT5024: TEXT VARIABLE TO BE EXTRACTED WAS NOT PREVIOUSLY DEFINED.

NAT5025: FORMAT CONFLICT IN EXTRACTING FUNCTION.

NAT5026: on-form: TOO MANY INPUT SOURCES ARE BEING NESTED.

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NAT5027: on-form: RECURSIVE NESTING OF INPUT SOURCES NOT ALLOWED.

NAT5028: on-form: NO TABULATOR SETTINGS ACTIVE.

NAT5029: ATTEMPT TO NEST TOO MANY INPUT LEVELS.

NAT5030: on-form: INVALID ".TB" CONTROL STATEMENT.

NAT5031: on-form: INVALID OPERAND IN ".PM" CONTROL STATEMENT.

NAT5032: on-form: INPUT BUFFER OVERFLOW DURING VARIABLE SUBSTIT.

NAT5033: TEXT VARIABLE NOT PREVIOUSLY DEFINED.

NAT5034: on-form: ".XF" STATEMENT WITHOUT PRECEDING ".TF".

NAT5035: TEXT ELEMENT COULD NOT BE FOUND.

NAT5036: NO TEXT VARIABLE NAMES SPECIFIED IN ".XF" STATEMENT.

NAT5037: on-form: TITLE EXCEEDS MAXIMUM LINE LENGTH.

NAT5038: on-form: TEXT COLUMN WIDTH LESS THAN ZERO.

NAT5039: THERE ARE TOO MANY TEXT VARIABLES DEFINED.

NAT5040: on-form: CONTROL STATEMENT IS NOT (YET) IMPLEMENTED.

NAT5042: on-form: MAXIMUM HIERARCHY LEVEL IN T.O.C. EXCEEDED.

NAT5043: on-form: INVALID PARAMETER VALUE IN ".CH" STATEMENT.

NAT5044: on-form: MAXIMUM LENGTH OF AN INDEX ENTRY EXCEEDED.

NAT5047: Con-form: Nesting error

NAT5049: on-form: INVALID SEQUENCE OF CONTROL STATEMENTS.

Natural System Error Messages NAT5051-NAT5100

NAT5068: on-form: LEFT MARGIN POSITION GT RIGHT MARGIN POSITION.

NAT5069: on-form: RIGHT MARGIN POSITION LT LEFT MARGIN POSITION.

NAT5070: on-form: NO HEAD LINES DEFINED.

NAT5071: on-form: TOO MANY HEAD LINE SPECIFICATIONS.

NAT5072: on-form: INVALID USE OF ".ME" STATEMENT.

NAT5073: on-form: INVALID USE OF ".MA" STATEMENT.

NAT5074: on-form: MACRO DEFINITION NOT PROPERLY CLOSED.

NAT5075: on-form: TEXT MACRO DEFINED MORE THAN ONCE.

NAT5076: on-form: INVALID TEXT MACRO DEFINITION.

NAT5084: on-form: ILLEGAL NESTING OF ".XF" STATEMENTS.

NAT5090: on-form: TOO MANY FOOT NOTE SPECIFICATIONS.

NAT5092: MAXIMUM LENGTH OF TEXT VARIABLE NAME EXCEEDED - TRUNCATED.

NAT5093: TEXT VARIABLE VALUE EXCEEDED MAXIMUM LENGTH - TRUNCATED.

NAT5095: ".XF" TEXT ELEMENT MUST BE DIFFERENT FROM ".TF" ELEMENT.

NAT5096: on-form: CONVERSION TO UPPER CASE FOR MORE THAN ONE LINE

NAT5097: on-form: Too many lines in margin text

NAT5098: on-form: ".TH" WITHOUT PRECEDING ".IF".

NAT5100: on-form: ".EL" WITHOUT PRECEDING ".IF".

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Natural System Error Messages NAT5101-NAT5150

NAT5101: on-form: ".EI" WITHOUT PRECEDING ".IF".

NAT5102: on-form: ".EL" WITHOUT PRECEDING ".TH".

NAT5103: on-form: ".EI" EXPECTED BUT NOT RECEIVED.

NAT5104: on-form: INVALID NESTING OF ".HL" STATEMENTS.

NAT5105: on-form: INVALID NESTING OF ".BL" STATEMENTS.

NAT5106: on-form: INVALID OR MISSING OPERANDS IN ".VD" STATEMENT.

NAT5107: TEXT VARIABLE SPECIFIED MORE THAN ONCE IN ".VD" STMTS.

NAT5108: on-form: FORMAT ERROR IN ".VD" CONTROL STATEMENT.

NAT5109: on-form: INVALID OR MISSING POS IN ".VD" STATEMENT.

NAT5110: on-form: INVALID OR MISSING LEN IN ".VD" STATEMENT.

NAT5111: on-form: INVALID OR MISSING CONDITIONAL OPERATOR.

NAT5112: on-form: ".AN" WITHOUT PRECEDING ".IF".

NAT5113: on-form: ".OR" WITHOUT PRECEDING ".IF".

NAT5114: on-form: ".EW" WITHOUT PRECEDING ".WH".

NAT5115: on-form INPUT LINE TOO LONG; HAS BEEN TRUNCATED.

NAT5116: on-form: ".WH" MAY NOT BE SPECIFIED WITHIN ".IF" BLOCK.

NAT5117: on-form: INVALID NESTING OF ".WH" STATEMENTS.

NAT5118: on-form: VALUE EXCEEDS MAXIMUM LINE LENGTH.

NAT5119: on-form: ".EW" MISSING WHEN FORMATTING TERMINATES.

NAT5120: on-form: INVALID KEYWORD IN ".OP" STATEMENT.

NAT5124: on-form"S WORK POOL IS TOO SMALL.

NAT5126: on-form: MAXIMUM OF 30 TEXT VARIABLES IN ".VD".

NAT5127: on-form: RECURSIVE NESTING OF INPUT SOURCES NOT ALLOWED.

NAT5128: on-form: NO TABULATOR SETTINGS ACTIVE.

NAT5129: on-form: RESTORE (.RS) WITHOUT PRECEDING SAVE (.SA)

NAT5130: on-form: INVALID ".TB" CONTROL STATEMENT.

 Natural System Error Messages NAT5101-NAT5150

NAT5131: on-form: INVALID OPERAND IN ".PN" CONTROL STATEMENT.

NAT5132: on-form: INPUT BUFFER OVERFLOW DURING VARIABLE SUBSTIT.

NAT5133: TEXT VARIABLE NOT PREVIOUSLY DEFINED.

NAT5134: on-form: ".XF" STATEMENT WITHOUT PRECEDING ".TF".

NAT5135: TEXT ELEMENT COULD NOT BE FOUND.

NAT5136: NO TEXT VARIABLE NAMES SPECIFIED IN ".XF" STATEMENT.

NAT5137: on-form: TARGET LABEL FOR .GO STATEMENT NOT FOUND

NAT5138: on-form: .GO NOT ALLOWED OUTSIDE MACRO DEFINITIONS

NAT5139: THERE TOO MANY TEXT VARIABLES DEFINED.

NAT5140: on-form: CONTROL STATEMENT IS NOT (YET) IMPLEMENTED.

NAT5142: on-form: MAXIMUM HIERARCHY LEVEL IN T.O.C. EXCEEDED.

NAT5143: on-form: INVALID PARAMETER VALUE IN ".CH" STATEMENT.

NAT5144: on-form: MAXIMUM LENGTH OF AN INDEX ENTRY EXCEEDED.

NAT5149: on-form: INVALID SEQUENCE OF CONTROL STATEMENTS.

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Natural System Error Messages NAT5151-NAT5200

NAT5154: CON_FORM: INTERNAL ERROR (SUBMIT TEXT FUNCTION)

NAT5155: on-form: .NL KEEP/FLOAT ACTIVE FOR MORE THAN ONE PAGE

NAT5158: on-form: NO COLUMNS ARE DEFINED (.CD IS MISSING).

NAT5159: on-form: LINE LENGTH (.LL) LT COMBINED COLUMN WIDTHS.

NAT5160: on-form: INVALID COLUMN DEFINITION.

NAT5165: on-form: Tab stop with invalid type definition

NAT5168: on-form: LEFT MARGIN POSITION GT RIGHT MARGIN POSITION.

NAT5169: on-form: RIGHT MARGIN POSITION LT LEFT MARGIN POSITION.

NAT5170: on-form: NO HEAD LINES DEFINED.

NAT5171: on-form: TOO MANY HEAD LINE SPECIFICATIONS.

NAT5172: on-form: INVALID USE OF ".ME" STATEMENT.

NAT5173: on-form: INVALID USE OF ".MA" STATEMENT.

NAT5174: on-form: MACRO DEFINITION NOT PROPERLY CLOSED.

NAT5175: on-form: TEXT MACRO DEFINED MORE THAN ONCE.

NAT5176: on-form: INVALID TEXT MACRO DEFINITION.

NAT5184: on-form: ILLEGAL NESTING OF ".XF" STATEMENTS.

NAT5190: on-form: TOO MANY FOOT NOTE SPECIFICATIONS.

NAT5192: MAXIMUM LENGTH OF TEXT VARIABLE NAME EXCEEDED - TRUNCATED.

NAT5193: TEXT VARIABLE VALUE EXCEEDED MAXIMUM LENGTH - TRUNCATED.

NAT5195: ".XF" TEXT ELEMENT MUST BE DIFFERENT FROM ".TF" ELEMENT.

NAT5196: on-form: CONVERSION TO UPPER CASE FOR MORE THAN ONE LINE.

NAT5198: on-form: ".TH" WITHOUT PRECEDING ".IF".

Natural System Error Messages NAT5201-NAT5250

NAT5234: Invalid ADJUST request.

Text	Invalid ADJUST request.
Expl.	The dataset version is not consistent with the Natural version.

NAT5235: Invalid subroutine name detected during loading.

Text	Invalid subroutine name detected during loading.
Expl.	During loading, a subroutine was detected whose external name is already used by another subroutine.

NAT5236: Load file is empty; there is nothing to be loaded.

Text	Load file is empty; there is nothing to be loaded.

NAT5237: Non-zero condition code from user exit at termination.

Text	Non-zero condition code from user exit at termination.

NAT5238: Invalid FDIC file for processing of XREF data.

Text	Invalid FDIC file for processing of XREF data.

NAT5239: Non-zero error code received during NATLOAD processing.

Text	Non-zero error code received during NATLOAD processing.
Expl.	This occurs when the NATLOAD error transaction is invoked.

NAT5240: Error in validation of NATUNLD/NATLOAD command.

Text	Error in validation of NATUNLD/NATLOAD command.
Expl.	An error occurred during validation of a NATUNLD/NATLOAD command.
Actn.	Check and correct command.

NAT5241: Error while reading PC work file.

Text	Error while reading PC work file.
Expl.	An error occurred while NATLOAD was reading a load file which was a PC work file.

NAT5242: Invalid header information or load file format.

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Text	Invalid header information or load file format.
Expl.	Either the header information on the load file is invalid, or the format of the load file is not consistent with the NATLOAD version being used.

NAT5243: Incomplete or inconsistent load file.

Text	Incomplete or inconsistent load file.
Expl.	When processing programming objects, either an inconsistency occurred during the processing of the load file, or the load file is incomplete.

NAT5244: Load file inconsistency while processing views.

Text	Load file inconsistency while processing views.
Expl.	While processing views, an inconsistency was detected in the processing of the load file.

NAT5245: Non-zero condition code; NATLOAD could not continue.

Text	Non-zero condition code; NATLOAD could not continue.
Expl.	A non-zero condition code was received, and NATLOAD processing could not continue.

Natural System Error Messages NAT5251-NAT5300

NAT5251: RECOVER rejected: load file is no Natural Security file.

Text	RECOVER rejected: load file is no Natural Security file.

NAT5252: RECOVER rejected; Natural Security is not installed.

Text	RECOVER rejected; Natural Security is not installed.

NAT5270: You are not authorized for this load operation.

Text	You are not authorized for this load operation.
Expl.	You are not defined as a member of the group "PAA-AUTH" in Natural Security. This error only occurs with Predict APPLICATION AUDIT.
Actn.	Contact your Natural Security administrator.

NAT5271: Inconsistency when processing File Translation Table.

Text	Inconsistency when processing File Translation Table.
Expl.	While processing the File Translation Table, an inconsistency occurred during the processing of the load file. This error only occurs with Predict Application Control.

NAT5272: Maximum number of versions reached for an object.

Text	Maximum number of versions reached for an object.
Expl.	Processing cannot continue, because the maximum number of versions was reached for a particular object. This error only occurs with Predict APPLICATION AUDIT.

NAT5300: THECon-form BUFFER IS TOO SMALL.

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Natural System Error Messages NAT5301-NAT5350

NAT5301: INVALID RESETTING OPERATION ATTEMPTED.

NAT5302: FORMAT INCOMPATABILITY IN "MOVING" OPERATION.

NAT5303: FORMAT INCOMPATABILITY IN ASSIGNING/EXTRACTING OPERATION.

NAT5304: TEXT VARIABLE NAME MUST BE ALPHANUMERIC.

NAT5305: UNPAIRED PARAMETER IN ASSIGNING/EXTRACTING OPERATION.

NAT5306: TIMER ERROR.

NAT5307: OUTPUT SUBCLAUSE SYNTAX ERROR.

NAT5308: ERROR SUBCLAUSE SYNTAX ERROR.

NAT5309: INPUT SUBCLAUSE SYNTAX ERROR (MEMBER SPECIFICATION).

NAT5310: INPUT SUBCLAUSE SYNTAX ERROR (LIBRARY SPECIFICATION).

NAT5311: TOO MANY INPUT LEVELS ARE DEFINED.

NAT5312: STARTING SUBCLAUSE SYNTAX ERROR.

NAT5313: ENDING SUBCLAUSE SYNTAX ERROR.

NAT5314: PROFILE SUBCLAUSE SYNTAX ERROR.

NAT5315: SYNTAX ERROR IN "CONFORMF" CALL.

NAT5316: INVALID FORMATTING SUBCLAUSE ENTRY.

NAT5317: MULTIPLE SUBCLAUSE SPECIFICATION.

NAT5318: GENERAL SYNTAX ERROR IN "CONFORMF" CALL.

NAT5319: THERE IS NO WORK AREA FORCon-form.

NAT5320: INVALID TEXT VARIABLE NAME IN ASSIGNING/EXTRACTING OPER.

NAT5321: ERROR IN TEXT VARIABLE ASSIGNMENT.

NAT5322: MAXIMUM FIELD LENGTH OF TEXT VARIABLE EXCEEDED.

NAT5323: VALIDATION ERROR DURING TEXT VARIABLE ASSIGN./EXTRACT.

NAT5324: TEXT VARIABLE TO BE EXTRACTED WAS NOT PREVIOUSLY DEFINED.

NAT5325: FORMAT CONFLICT IN EXTRACTING FUNCTION.

NAT5326: LENGTH OF TEXT VARIABLE EXCEEDS LENGTH OF NPL VARIABLE.

NAT5327: ERROR DURING EXECUTION OF A "MOVING" OPERATION.

NAT5328: INVALID TEXT ELEMENT SPECIFIED IN "FORMATTING" REQUEST.

NAT5329: ATTEMPT TO NEST TOO MANY INPUT LEVELS.

NAT5330: STATUS SUBCLAUSE SYNTAX ERROR.

NAT5331: STATUS SUBCLAUSE SYNTAX ERROR.

NAT5332: STATUS SUBCLAUSE WITHOUT PRECEDING PARAMETERS.

NAT5333: STATUS SUBCLAUSE SYNTAX ERROR.

NAT5334: FATAL MESSAGE OUTPUT FAILURE.

NAT5335: FATAL REPORT OUTPUT FAILURE.

NAT5336: FATAL REPORT OUTPUT FAILURE.

NAT5337: INVALID OUTPUT STRING SPECIFICATION.

NAT5338: OUTPUT STRING SPECIFICATIONS MISSING.

NAT5339: OUTPUT STRING SPECIFICATIONS EXPECTED.

NAT5340: OUTPUT STRING SPECIFICATIONS DISALLOWED.

NAT5341: UNEXPECTED TEXT INPUT.

NAT5342: ONLY ONE INPUT STRING PERMITTED.

NAT5343: on-form ABNORMAL END

NAT5344: Syntax error in password specification.

NAT5345: Password validation error.

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Natural System Error Messages NAT5351-NAT5400

NAT5360: Non-zero Adabas response - :1:/:2: (RC=:3:/:4:)

Text	Non-zero Adabas response - .../... (RC=.../...)
Expl.	The Natural/SAP Communication has received a non-zero response from the database. The error may have been caused by one of the following: - A time-out condition has occurred. - An invalid request was made to the database. Additional information about which command received the response code can be obtained by analyzing the contents of the DDM field - ERROR-TEXT.
Actn.	Analyze persistent errors using the ERROR-TEXT field.

NAT5361: Installation error: "ADALNK" is not reentrant.

Text	Installation error: "ADALNK" is not reentrant.
Expl.	Natural/SAP Communication requires that a reentrant Adabas link module "ADALNK" be used.
Actn.	Make the necessary modifications to ADANLK, as described in the source. Assemble and link-edit the module before attempting again.

NAT5362: Unexpected SDAM response received (RC=:1:).

Text	Unexpected SDAM response received (RC=...).
Expl.	The SDAM interface used by Natural/SAP Communication has returned a non-zero response. The response code is located in the DDM field ERROR-TEXT RC Description -- ---------- 01 Error in EXTENT chain. 02 No RSA provided. 03 No record found with given RSA. 07 User area too small. 08 Compressed field-group too long. 09 Invalid Qmacro FE Nothing found for search criterion.
Actn.	Check the SAP/Qmacros with which XCOMSAP was compiled. For further assistance please contact Software AG Customer Support.

NAT5363: No record found with given key or RSA.

Text	No record found with given key or RSA.
Expl.	No record was found because: 1) a header segment was accessed using the Master-Index field "BMI" with an invalid value, or 2) an internal error occurred when accessing the SAP/Document File with an invalid RSA.
Actn.	Check the value of "BMI", when used. Contact Software AG Customer Support for further assistance.

NAT5364: Log.file-ID or segment-ID not found in description table.

Text	Log.file-ID or segment-ID not found in description table.
Expl.	An access was made using a logical file number which was not found in the SAP/Description Tables (XCOMSAP), or the segment ID used internally was not located within the SAP/Description Tables.
Actn.	Check for the file number (LFID) in the modules XCOMSAP and XCOMFUNC. Check the version of the SAP Qmacros which were used to assemble XCOMSAP.

NAT5365: Document-type is invalid for the SAP/table used.

Text	Document-type is invalid for the SAP/table used.
Expl.	The value used in the FIND/READ statement for the document-type (DDM field "BLTYP") is invalid for this SAP/View. A list of document-types and the associated logical files is provided in the documentation. The document-type is optional, and can be omitted. Natural/SAP Communication supplies the document-type when it is not otherwise specified.
Actn.	Check the value of the document-type, and where possible avoid using it.

NAT5366: SAP/document files do not have the same database ID.

Text	SAP/document files do not have the same database ID.
Expl.	The SAP/Document files have different database IDs in the SAP/Description Table (XCOMSAP). Natural/SAP requires that the SAP/Files: ABMI - Master Index File ABIB - Secondary Index File ABEZ - Document Container File all have the same database ID.
Actn.	Check the SAP/Description Table for correctness.

NAT5367: Queuing error: WADS or workarea address not found.

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Text	Queuing error: WADS or workarea address not found.
Expl.	An internal error has occurred.
Actn.	Contact Software AG Customer Support for further assistance.

NAT5368: FB/SB work buffer overflow (:1:/RECAREA).

Text	FB/SB work buffer overflow (:1:/RECAREA).
Expl.	An internal error has occurred.
Actn.	Contact Software AG Customer Support for further assistance.

NAT5369: GETMAIN storage error - :1:/:2: (RC=:3:)

Text	GETMAIN storage error - .../... (RC=...)
Expl.	A non-zero response code was received by Natural/SAP Communication when attempting to perform a GETMAIN. This error can only occur when the resources are exhausted. The most common reason for this problem is that the region size is too small for the number of users that are concurrently active.
Actn.	Check the region size. Contact Software AG Customer Support for further assistance.

NAT5370: FREEMAIN storage error - :1:/:2: (RC=:3:)

Text	FREEMAIN storage error - .../... (RC=...)
Expl.	A non-zero response code was received by Natural/SAP Communication while attempting to perform a "FREEMAIN". This situation should not occur. Repeated occurrence of this error could lead to a depletion of resources and a "GETMAIN" error.
Actn.	Contact Software AG Customer Support for assistance.

NAT5371: Invalid value in Master-Index - :1:.

Text	Invalid value in Master-Index - ....
Expl.	A sub-field of the Master-Index used to access the SAP/Document File contains an invalid value. The range of values for each of the sub-fields is listed below: Sub-Field Field Name Range of Values ---------- ---------- ---------- Client Number MANDANT 00 to 99 Company Code BUKRS Greater than "00" Document Number BLNR Greater than "00000000"
Actn.	Check value of Master-Index used in FIND/READ statement.

NAT5372: Internal error: Search/Value buffer analysis (RC=:1:)

Text	Internal error: Search/Value buffer analysis (RC=...)
Expl.	An internal error occurred when performing the Search/Value buffer analysis. This error can occur when insufficient work-area space is available or an invalid numeric value is encountered in the value buffer.
Actn.	Consult Software AG Customer Support for further assistance.

NAT5373: Wildcards and multiple SVB entries are not supported.

Text	Wildcards or multiple field entries in the Search/Value buffer have been encountered.
Expl.	The use of wildcards "*" or multiple field entries are not supported by Natural/SAP Communication.
Actn.	Check and correct the search criterion used in the FIND statement.

NAT5374: Invalid OFFSET-Field used in search criterion or overlap.

Text	Invalid OFFSET-Field used in search criterion or overlap.
Expl.	Either an OFFSET-Field which is not a descriptor has been used as part of the search criterion, or one OFFSET-Field overlaps another. The main data key of the secondary index is often redefined. and thus provides the user with multiple keys with which the data can be accessed. This error occurs when an invalid search criterion has been used; that is, parts of different keys have been combined in one logical search criterion. The Search Buffer analysis determines such errors from the fact that these OFFSET fields overlap.
Actn.	Check and correct the the search criterion. Consult the SAP/System description for further assistance.

NAT5375: Invalid DB field used as descriptor.

Text	A field has been used, which is either unknown to the file processor or the field is not inverted.
Expl.	Fields which are not a descriptor can not be used in a search criterion. Furthermore, some of the fields in the DDM are file-access dependent. For example the field group "MASTER-INDEX" and all fields within this group can only be used when accessing the SAP/Document file. Use of these fields in a search criterion while accessing the Secondary-Index (ABIB) will result in such an error.
Actn.	Check and correct search criterion. Consult the NATSAP Programming Considerations for further assistance.

NAT5376: Mandatory field missing.

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Text	Mandatory field missing.
Expl.	The usage of some fields in the search criterion is mandatory - required. This is the case for the field - CLIENT NUMBER (MANDT) The section "Programming Considerations" of the Natural/SAP Communication documentation explains this in more detail.
Actn.	Check and correct the search criterion. Consult the "Programming Considerations" for further assistance.

NAT5377: "Single Value" field used with multiple values.

Text	"Single Value" field used with multiple values.
Expl.	Some fields may not be used in the search criterion with multiple values or a range of values. They may only be assigned a "single" value, and, for example, may not be used in the Natural THRU-Clause. Some examples of such fields area: - CLIENT NUMBER - DOCUMENT TYPE Single value fields are explained in the "Programming Considerations" in greater detail.
Actn.	Check and correct search criterion. Consult the "Programming Considerations" for further detail.

NAT5378: A composite-key field has been misused.

Text	A composite-key field has been misused.
Expl.	There are two composite keys in every DDM: "BMI" and "BSI". These fields are used as part of the search criterion or are returned for use in the following FIND/READ loops. The fields when used are to be used alone, and cannot be combined with other key-fields. These composite fields are file-oriented. - "BMI" can only be used when accessing the document file (ABEZ) - "BSI" can only be used when accessing the secondary index (ABIB) The current MASTER-Index value for the record being accessed is always returned in "BMI".
Actn.	Check and correct the Search Criterion Consult the "Programming Considerations" for further assistance.

NAT5379: Internal positioning error has occurred (RC=:1:).

Text	Internal positioning error has occurred (RC=...).
Expl.	An internal error has occurred while attempting to position within a structured document. One of the following errors has occurred: RC Description ----- ---------- x"FB" Mismatching segment-ID"s positioning in document x"FD" Index error while positioning within XCOMSAP
Actn.	Consult Software AG Customer Support for further assistance.

NAT5380: Dependent segment accessed without reading parent segment

Text	Dependent segment accessed without reading parent segment
Expl.	The position segments of the documents files AUFK and AUAK are hierarchically structured, e.g. parent/child relationship. Structured Documents must be accessed in this parent/child order. You cannot access a lower-level document segment without having first read the next higher level segment.
Actn.	Consult the SAP documentation for a description of the file structure and correct the nesting of the FIND/READ statements.

NAT5381: Order of accessing segments incorrect.

Text	Order of accessing segments incorrect.
Expl.	The position segments of the document files AUFK and AUAK are hierachically structured, e.g. parent/child relationship. Structured Documents must be accessd in this parent/child order. You cannot access a higher-level segment from within a lower-level access loop. The order of access must always be from top to bottom.
Actn.	Consult the SAP documentation for a description of the file structure and correct the nesting of the FIND/READ statements.

NAT5382: Invalid length of field group encountered.

Text	Invalid length of field group encountered.
Expl.	While decompressing a document, a field group has been encountered with an invalid length attribute. The length attribute is either zero (0) or greater than 8000. This type of error can occur when the version of the SAP data does not coincide with the version of the QMACROS used for generating the NATSAP Description Table (XCOMSAP).
Actn.	Regenerate XCOMSAP and try again. Should the error persist, analyze the document with SAP utilities.

NAT5399: Recursive entry into error handler.

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Text	The error handler has been entered recursively.
Expl.	This is most likely an internal error and should be reported to Software AG.
Actn.	Consult Software AG Customer Support for further assistance.

NAT5400: No subclause given in COMPOSE statement.

Text	No subclause given in COMPOSE statement.
Actn.	Correct error in program.

Natural System Error Messages NAT5401-NAT5450

NAT5401: Format in MOVING clause must be P/N less or equal 16.

Text	Format in MOVING clause must be A, or P/N less or equal 16.
Expl.	The format of operand 1 in COMPOSE MOVING clause must either be alphanumeric, packed, or numeric. If the operand is of type alphanumeric with length one, the value should not be "." (period) or "," (comma). If the operand is of type packed or numeric, the total number of digits may not exceed 16.
Actn.	Correct error in program.

NAT5402: TO VARIABLES or TO DATAAREA missing in MOVING clause.

Text	TO VARIABLES or TO DATAAREA missing in MOVING clause.
Actn.	Correct error in program.

NAT5403: More than 37 variables/constants in MOVING clause.

Text	More than 37 variables/constants in MOVING clause.
Actn.	Correct error in program.

NAT5404: Error in STATUS variable.

Text	Error in STATUS variable.
Actn.	Correct error in program.

NAT5405: Error in left part of ASSIGNING clause in COMPOSE.

Text	Error in left part of ASSIGNING clause in COMPOSE.
Actn.	Correct error in program.

NAT5406: Error in right part of ASSIGNING clause in COMPOSE.

Text	Error in right part of ASSIGNING clause in COMPOSE.
Actn.	Correct error in program.

NAT5407: Over 19 variable pairs in ASSIGNING/EXTRACTING clause.

Text	Over 19 variable pairs in ASSIGNING/EXTRACTING clause.
Actn.	Correct error in program.

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NAT5408: Error in left part of EXTRACTING clause.

Text	Error in left part of EXTRACTING clause.
Actn.	Correct error in program.

NAT5409: Error in right part of EXTRACTING clause.

Text	Error in right part of EXTRACTING clause.
Actn.	Correct error in program.

NAT5410: CABINET operand must be type A, less or equal eight char.

NAT5411: No output device for formatted output.

Text	No output device for formatted output.
Actn.	Correct error in program.

NAT5412: OUTPUT CALLING variable must be of alphanumeric format.

Text	OUTPUT CALLING variable must be of alphanumeric format.
Actn.	Correct error in program.

NAT5413: Subclause in FORMATTING clause may be specified only once.

Text	Subclause in FORMATTING clause may be specified only once.
Expl.	All subclauses of the FORMATTING clause may be used in any order, but each subclause may be used only once.
Actn.	Correct error in program.

NAT5414: GIVING operand in OUTPUT subclause must be B4 or B10.

Text	GIVING operand in OUTPUT subclause must be B4 or B10.
Expl.	The format/length of the operand specified after the keyword GIVING in the OUTPUT subclause of a COMPOSE statement must be B4 or B10. See the Natural documentation for details on the COMPOSE statement.
Actn.	Correct error in program.

NAT5415: Error in definition of input destination.

Text	Error in definition of input destination.
Actn.	Correct error in program.

NAT5416: Error in definition of input source.

Text	Error in definition of input source.
Actn.	Correct error in program.

NAT5417: The keyword "FROM" is missing.

Text	The keyword "FROM" is missing.
Actn.	Correct error in program.

NAT5418: Max.number of source definitions in INPUT clause is 9/10.

Text	Max.number of source definitions in INPUT clause is 9/10.
Actn.	Correct error in program.

NAT5419: Error in printer assignment in ERRORS/MESSAGES subclause.

Text	Error in printer assignment in ERRORS/MESSAGES subclause.
Actn.	Correct error in program.

NAT5420: Invalid page number in STARTING/ENDING subclause.

Text	Invalid page number in STARTING/ENDING subclause.
Actn.	Correct error in program.

NAT5421: * NAT5421 - RESERVED FOR COMPOSE SYNTAX (HL) ***

NAT5422: Error in PROFILE definition.

Text	Error in PROFILE definition.
Expl.	PROFILE operand must be of type A and the operand length must be greater than one character and less than or equal to 32 characters.
Actn.	Correct error in program.

NAT5423: Error in STATUS definition.

Text	Error in STATUS definition.
Actn.	Correct error in program.

NAT5424: The INPUT subclause may be specified only once.

Text	The INPUT subclause may be specified only once.
Actn.	Correct error in program.

NAT5425: Input error in EXIT or CABINET parameter.

Text	Input error in EXIT or CABINET parameter.
Actn.	Correct error in program.

NAT5426: The ERRORS subclause may be specified only once.

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Text	The ERRORS subclause may be specified only once.
Actn.	Correct error in program.

NAT5427: The MESSAGES subclause may be specified only once.

Text	The MESSAGES subclause may be specified only once.
Actn.	Correct error in program.

NAT5428: The STARTING subclause may be specified only once.

Text	The STARTING subclause may be specified only once.
Actn.	Correct error in program.

NAT5429: The ENDING subclause may be specified only once.

Text	The ENDING subclause may be specified only once.
Actn.	Correct error in program.

NAT5430: The PROFILE subclause may be specified only once.

Text	The PROFILE subclause may be specified only once.
Actn.	Correct error in program.

NAT5431: The STATUS subclause may be specified only once.

Text	The STATUS subclause may be specified only once.
Actn.	Correct error in program.

NAT5432: PASSW operand must be of type A, less than or equal 8 char.

Text	PASSW operand must be of type A, less than or equal 8 char.
Expl.	The format/length of the operand specified after the keyword PASSW in a COMPOSE statement must be A8.
Actn.	Correct error in program.

NAT5433: CONTROL variables must be of format/length A1.

Text	CONTROL variables must be of format/length A1.
Expl.	The two variables specified after the keyword CONTROL in the OUTPUT subclause of a COMPOSE statement must be of format A1.
Actn.	Correct error in program.

NAT5434: Maximum number of variables in OUTPUT TO VARIABLES is 20.

Text	Maximum number of variables in OUTPUT TO VARIABLES is 20.
Expl.	In the OUTPUT TO VARIABLES subclause of a COMPOSE statement, you must not specify more than 20 variables.
Actn.	Correct error in program.

NAT5435: Error in receiving variable of FORMATTING OUTPUT clause.

Text	Error in receiving variable of FORMATTING OUTPUT clause.
Expl.	The receiving variable in the OUTPUT subclause must be of type A. Note, that it is not recommended to use A1 variables.
Actn.	Correct error in program.

NAT5436: MOVING OUTPUT operand must be of format A.

Text	MOVING OUTPUT operand must be of format A.
Expl.	The operand specified after MOVING OUTPUT in a COMPOSE statement must be of format A.
Actn.	Correct error in program.

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Natural System Error Messages NAT5451-NAT5500

NAT5500: VSAM error during job submission.

Text	ESY5500 VSAM error during job submission
Expl.	An error occurred during job submission
Actn.	Resubmit job. If error persists, contact the system programmer.

Natural System Error Messages NAT5501-NAT5550

NAT5502: SYSQL error.

Text	ESY5502 SYSQL Error.
Expl.	internal ESY Error.
Actn.	Please contact SAG Support.

NAT5503: RECALL error

Text	ESY5503 RECALL error.
Expl.	dataset could not be recalled using ARCHRCAL macro; check if data-set is really migrated; if yes,contact system-programmer regarding the installed migration tool.
Actn.	check dataset status and/or migration tool with system programmer.

NAT5506: Data set is migrated.

Text	ESY5506 Data set is migrated.
Expl.	DS is archived on external storage media.
Actn.	Please use startup parameter RECALL in ESY.

NAT5507: Too many parallel ESY requests.

Text	ESY5507 Too many parallel ESY requests.
Expl.	You may only use 5 nested loops in ESY.
Actn.	Please check programs and correct error.

NAT5508: ADABAS response code :1: returned from ESY.

Text	ESY5508 ADABAS response code :1: returned from ESY.
Expl.	ADABAS Rsp :1: return from ESY.
Actn.	Please contact your database administrator.

NAT5509: Logon failed - check LOGON-ID / PASSWORD.

Text	ESY5509 Logon failed - check LOGON-ID / PASSWORD.
Expl.	The attempted logon failed. Note: A more detailed message is returned by the installed security system when the ERROR-TEXT field is specified.
Actn.	Try to logon again, using a valid LOGON-ID and PASSWORD.

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NAT5510: Logon required.

Text	ESY5510 Logon required.
Actn.	Logon to NATURAL PROCESS (view NATPROC-LOGON).

NAT5511: Function must be LOGON/LOGOFF.

Text	ESY5511 Function must be LOGON/LOGOFF.
Expl.	An invalid function was given in view NATPROC-LOGON.
Actn.	Check source program, valid functions are LOGON and LOGOFF.

NAT5520: No core available.

Text	ESY5520 No core available.
Expl.	The amount of core required for each user is: MAXFBL + MAXSBL + MAXCBL + (NUMREQ * BUFLEN)
Actn.	Increase the auxilliary buffer size (ASIZE parameter).

NAT5521: NATPNI/NATPNIP unresolved.

Text	ESY5521 NATPNI/NATPNIP unresolved.
Expl.	This NATURAL nucleus is unable to perform NATURAL PROCESS functions.
Actn.	Contact the NATURAL Administrator.

NAT5530: Access denied by Security facility.

Text	ESY5530 Access denied by Security facility.
Expl.	A security violation has occurred. This return code has been issued by the security system with which NATURAL PROCESS interfaces.
Actn.	No action is required.

NAT5531: Password missing or incorrect.

Text	ESY5531 Password missing or incorrect.
Expl.	The data set is password protected, i.e. a password must be supplied.
Actn.	Enter a valid password.

NAT5532: :1: limit specified - ACCEPT NO LIMITS.

NAT5533: Requested number of records scanned.

Text	ESY5533 Requested number of records scanned.
Expl.	Requested number of records in READ-FILE or READ-SPOOL scanned and no match for search-creteria found.
Actn.	no action required

NAT5534: File is not a load library.

Text	ESY5534 File is not a load library

NAT5535: File has invalid format.

Text	ESY5535 File has invalid format.
Expl.	File has not supported DSORG.
Actn.	check with the system programmer.

NAT5536: CVA error :1: accessing VTOC.

Text	ESY5536 CVA error :1: accessing VTOC.
Expl.	Macro CVAFDIR caused error.
Actn.	Check inline error code with the system programmer.

NAT5537: Time limit reached.

Text	ESY5537 Time limit reached.
Expl.	time limit reached and no record was found for this search criteria.
Actn.	check inline error code with the system programmer.

NAT5538: Invalid record-length specified.

Text	ESY5538 Invalid record-length specified.

NAT5539: DFHSMREQ failed with RC = :1:.

Text	DFHSMREQ failed with RC = :1:
Expl.	A request failed to delete a migrated data set.
Actn.	Contact your storage administrator.

NAT5544: Invalid File-ID.

Text	ESY5544 Invalid File-ID.
Expl.	The requested file-id does not exist.
Actn.	Specify valid file-id.

NAT5550: Not a PDS or LIBRARIAN file or VSAM data set.

Text	ESY5550 Not a partitioned data set or LIBRARIAN file.
Expl.	An attempt was made to access the directory of a non-PDS file.
Actn.	No action is required.

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Natural System Error Messages NAT5551-NAT5600

NAT5551: Member not specified.

Text	ESY5551 Member not specified.
Expl.	An attempt was made to access a PDS member without specifying its name.
Actn.	Specify member name.

NAT5552: NEWNAME / ALIAS operand missing.

Text	ESY5552 NEWNAME / ALIAS operand missing.
Expl.	No value for NEWNAME or ALIAS was given. Formats are: NEWNAME (A8) - view PDS-UPDATE ALIAS (A8) - view CATALOG-UPDATE NEWNAME (A44) - view VTOC-UPDATE
Actn.	Supply a value for NEWNAME or ALIAS.

NAT5553: I/O error on directory.

Text	ESY5553 I/O error on directory.
Expl.	An error occurred while reading a PDS directory.
Actn.	The directory of the specified data set is probably invalid. Check with the system programmer.

NAT5554: MEMBER not found in directory.

Text	ESY5554 MEMBER not found in directory.
Expl.	An attempt was made to access a member which doesn"t exist.
Actn.	Specify valid member name.

NAT5555: NEWNAME / ALIAS already exists in directory.

Text	ESY5555 NEWNAME / ALIAS already exists in directory.
Expl.	Values for NEWNAME and ALIAS must be unique within a directory. The value specified already exists.
Actn.	Enter a unique value for NEWNAME or ALIAS.

NAT5556: File is in use.

Text	ESY5556 File is in use.
Expl.	The file is under exclusive control of another user.
Actn.	Retry at a later time.

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NAT5557: File is held by linkage editor.

Text	ESY5557 File is held by linkage editor.
Expl.	The file is under exclusive control of the linkage editor.
Actn.	Retry at a later time.

NAT5558: No space in Directory.

Text	ESY5558 No space in Directory.
Expl.	No space is available in the Directory.
Actn.	Enlarge the Directory.

NAT5559: STOW error.

Text	ESY5559 STOW error.
Expl.	An error occurred during a STOW attempt.
Actn.	No action is required.

NAT5560: Segment length greater than 253.

Text	ESY5560 Segment length greater than 253.
Expl.	The maximum segment length is 253.
Actn.	Specify a valid SEGMENT-LENGTH.

NAT5561: Required catalog does not exist.

Text	ESY5561 Required catalog does not exist.
Expl.	The specified catalog doesn"t exist.
Actn.	Specify a valid CVOL.

NAT5562: Catalog entry not found.

Text	ESY5562 Catalog entry not found.
Expl.	The entry was not found in the catalog.
Actn.	No action is required.

NAT5563: Data set is an index.

Text	ESY5563 Data set is an index.
Expl.	The data set to be catalogued is an index.
Actn.	Specify a valid data set name.

NAT5564: Data set not at lowest index level.

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Text	ESY5564 Data set not at lowest index level.
Expl.	The data set name entered must be at the lowest index level.
Actn.	Enter a valid data set name.

NAT5565: Syntax error in data set name.

Text	ESY5565 Syntax error in data set name.
Expl.	A syntax error was detected in the data set name.
Actn.	Specify a valid data set name.

NAT5566: Syntax error in catalog name.

Text	Syntax error in catalog name.
Expl.	A syntax error was detected in the catalog name.
Actn.	Specify a valid catalog name.

NAT5567: Invalid option, specify LONG or USERCAT.

Text	Invalid OPTION, specify LONG or USERCAT
Expl.	An invalid OPTION was specified, valid options are LONG and USERCAT.
Actn.	Specify a valid OPTION (LONG or USERCAT).

NAT5571: DSNAME operand missing.

Text	ESY5571 DSNAME operand missing.
Expl.	A fully qualified data set name must be specified. Format is (A44).
Actn.	Enter a valid DSNAME.

NAT5572: NEWNAME missing.

Text	ESY5572 NEWNAME missing.
Expl.	A fully qualified data set must be specified as NEWNAME for the RENAME function.
Actn.	Specify a valid DSNAME in the NEWNAME field for the RENAME function.

NAT5573: SCRATCH INVALID

Text	ESY5573 SCRATCH INVALID

NAT5574: RENAME invalid

Text	ESY5574 RENAME invalid
Expl.	the NEW dataset name contains invaild characters
Actn.	check NEW dataset name for invalid characters

NAT5575: Dataset not renamed. CATALOG-UPDATE function failed.

Text	ESY5575 Dataset not renamed, CATALOG-UPDATE function failed.
Expl.	The new dataset name cannot be cataloged. Therefore the old dataset name is still valid, and the dataset can now be accessed only specifying the correct volume.
Actn.	Check with your systems programmer why the new dataset name cannot be cataloged.

NAT5576: SCRATCH returned with RC :1: and status :2:.

Text	ESY5576 SCRATCH returned with RC ... and status ....
Expl.	SCRATCH could not be performed. See the OS/390 DFSMSdfp Advanced Services Manual for a detailed explanation of the return code and status code.
Actn.	Check status of dataset.

NAT5577: RENAME returned with RC :1: and status :2:.

Text	ESY5577 RENAME returned with RC ... and status ....
Expl.	RENAME could not be performed. See the OS/390 DFSMSdfp Advanced Services Manual for a detailed explanation of the return code and status code.
Actn.	Check status of dataset.

NAT5578: RENAME fatal error; VOL :1: DSN :2:.

Text	ESY5578 RENAME fatal error; VOL ... DSN ....
Expl.	RENAME could not be performed. Check the dataset (see DSN value) on volume (see VOL value).
Actn.	Check with your systems programmer.

NAT5590: End of data reached during inplace-update.

Text	ESY5590 End of data reached during inplace-update.
Expl.	It is not possible to add records with the update-inplace function.
Actn.	Don"t use update-inplace for adding records.

NAT5591: Member not found for inplace-update.

Text	ESY5591 Member not found for inplace-update.
Actn.	Specify a valid MEMBER.

NAT5592: Record length error for variable inplace-update.

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Text	ESY5592 Record length error for variable inplace-update.
Actn.	Check the source program; RECORD-LENGTH may not be changed.

NAT5600: Unknown function.

Text	ESY5600 Unknown function.
Expl.	An invalid value was specified in the FUNCTION field.
Actn.	Specify valid FUNCTION value.

Natural System Error Messages NAT5601-NAT5650

NAT5601: DSNAME missing.

Text	DSNAME missing
Expl.	Dataset Name is required, to catalog a Dataset

NAT5602: Device is invalid.

Text	ESY5602 Device is invalid.
Expl.	An invalid DEVICE value was specified.
Actn.	Specify valid DEVICE value.

NAT5603: INDEX / ALIAS missing.

Text	ESY5603 INDEX / ALIAS missing.
Actn.	Specify INDEX / ALIAS.

NAT5604: No volumes specified.

Text	ESY5604 No volumes specified.
Expl.	No VOLUMES were specified for CATLG / RECATLG.
Actn.	Specify VOLUMES.

NAT5605: IGWASMS returned with RC :1: and reason :2:.

Text	ESY5605 IGWASMS returned with RC :1: and reason :2:.
Expl.	A request failed to retrieve attributes for a dataset.
Actn.	Contact your systems programmer.

NAT5606: Managed data sets cannot be uncataloged.

Text	Managed data sets cannot be uncataloged.
Expl.	A request was issued to uncatalog an SMS-managed data set.
Actn.	Do no request to uncatalog an SMS-managed data set.

NAT5610: QNAME is missing.

Text	ESY5610 QNAME is missing.
Expl.	No value was specified in the QNAME field.
Actn.	Specify valid QNAME value.

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NAT5611: QNAME cannot start with SYS.

Text	ESY5611 QNAME cannot start with SYS.
Expl.	Major names beginning with SYS are not allowed.
Actn.	Specify valid QNAME value.

NAT5612: RNAME is missing.

Text	ESY5612 RNAME is missing.
Expl.	No value was specified in the RNAME field.
Actn.	Specify RNAME value.

NAT5613: RNAME length is missing or invalid.

Text	ESY5613 RNAME length is missing or invalid.
Expl.	No value was specified in the RNAME-LENGTH field.
Actn.	Specify valid RNAME-LENGTH value.

NAT5614: Resource is in use.

Text	ESY5614 Resource is in use.
Expl.	Resource is already allocated as sharable by another task, and exclusive access was requested.
Actn.	Retry at a later time.

NAT5615: Resource held by another task.

Text	ESY5615 Resource held by another task.
Expl.	Resource is already allocated exclusively by another task.
Actn.	Retry at a later time.

NAT5616: Error in CQSCAN routine.

Text	ESY5616 Error in "GQSCAN" routine.
Expl.	An internal error occurred as a result of the "GQSCAN" macro request.
Actn.	Notify system programmer. (Software AG technical support should be notified as well).

NAT5621: Identifier missing/duplicate/not found.

Text	ESY5621 Identifier missing/duplicate/not found.
Expl.	The identifier associated with the area was missing/duplicate/not found.
Actn.	Specify correct identifier.

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NAT5622: NUMBER-OF-ENTRIES missing or invalid.

Text	ESY5622 "NUMBER-OF-ENTRIES" missing or invalid.
Expl.	The specification of the maximum number of entries was missing/invalid.
Actn.	Specify a valid "NUMBER-OF-ENTRIES" value.

NAT5623: ENTRY-LENGTH missing or invalid.

Text	ESY5623 "LENGTH-OF-ENTRY" missing or invalid.
Expl.	The specification of the entry length was missing/invalid.
Actn.	Specify a valid "ENTRY-LENGTH" value.

NAT5624: ENTRY-NUMBER missing or invalid.

Text	ESY5624 "ENTRY-NUMBER" missing or invalid.
Expl.	The specification of the entry number was missing/invalid.
Actn.	Specify correct entry number.

NAT5625: Cannot allocate area.

Text	ESY5625 Cannot allocate area.
Expl.	Insufficient storage was available to allocate the area.
Actn.	Decrease amount of requested storage or notify system programmer.

NAT5626: DATA missing.

Text	ESY5626 "DATA" missing.
Expl.	No data was specified.
Actn.	Specify the "DATA" field.

NAT5627: Field position + length > 250.

Text	ESY5627 Field position + length > 250.
Expl.	The field extends the maximum area length (250).
Actn.	Specify valid field position/length.

NAT5628: Error in editor.

Text	ESY5628 Error in editor.
Expl.	An internal editor error occurred.
Actn.	Notify system programmer.

NAT5629: Area is protected.

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Text	ESY5629 Area is protected.
Expl.	Area is protected
Actn.	No action required

NAT5630: Console not defined or not active.

Text	ESY5630 Console not defined or not active.
Expl.	The specified console id was not found.
Actn.	Specify valid console id.

NAT5631: Console table not found.

Text	ESY5631 Console table not found
Expl.	Console table could not be found
Actn.	Contact your Systems Programmer

NAT5632: General or Control object not found.

Text	ESY5632 General or Control object not found
Expl.	General or Control object returned by Multi Console Support (MCS) could not be found.
Actn.	Contact your Systems Programmer

NAT5633: Cannot lock Console table.

Text	ESY5633 Cannot lock Console table
Expl.	Console table could not be locked for exclusive use.
Actn.	Retry operation If problem persists, please contact your Systems Programmer.

NAT5634: Invalid Record number.

Text	ESY5634 Invalid Record number
Expl.	Record number requested is invalid.
Actn.	Retry operation. If problem persists, please contact your Systems Programmer.

NAT5635: Attempt to alter key in KSDS file.

Text	ESY5635 Attempt to alter key in KSDS file.
Expl.	its not allowed to alter keys in KSDS files.
Actn.	check program and correct error.

NAT5636: Too many active requests on this ACB.

Text	ESY5636 Too many active requests on this ACB.
Expl.	there may be some nested loop, while accesing VSAM files. or there are too many parallel requests open.
Actn.	check your program and check also with your ESY-DBA.

NAT5637: VSAM subtask is not active.

Text	ESY5637 VSAM subtask is not active.
Expl.	the ESY subtask for VSAM access may be abended. check with your ESY-DBA to restart ESY.
Actn.	contact your ESY-DBA or contact Software AG technical support.

NAT5638: Key not found.

Text	ESY5638 Key not found.
Expl.	Key to access the requested record in your file not found.
Actn.	check program and correct error.

NAT5639: Cannot delete record in ESDS file.

Text	ESY5639 Cannot delete record in ESDS file.
Expl.	its not allowed to delete records from ESDS-files
Actn.	check program and correct error

NAT5640: Error generating VSAM control blocks.

Text	ESY5640 Error generating VSAM control blocks.
Expl.	An error occurred generating VSAM control blocks.
Actn.	Notify system programmer.

NAT5641: Error :1: while opening SMF or VSAM file.

Text	ESY5641 Error :1: while opening SMF file.
Expl.	A VSAM error occurred while opening an SMF file.
Actn.	Notify system programmer.

NAT5642: Error :1: while reading SMF or VSAM file.

Text	ESY5642 Error :1: while reading SMF file.
Expl.	A VSAM error occurred while reading an SMF file.
Actn.	Notify system programmer.

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NAT5643: SMF not active / not recording.

Text	ESY5643 SMF not active / not recording.
Expl.	At time of the request SMF is not active / not recording.
Actn.	Notify system programmer.

NAT5644: :1:.

Text	ESY5644 xxxxxxxx error in POWER interface aabb.
Expl.	Error aabb returned by POWER interface function xxxxxxxx.
Actn.	Contact system programmer.

NAT5645: Invalid RBA was specified.

Text	ESY5645 Invalid RBA was specified.
Expl.	The requested RBA was not found.
Actn.	Specify valid RBA value.

NAT5646: Write to VSAM only allowed on base cluster.

Text	ESY5646 Write to VSAM only allowed on base cluster.
Expl.	An attempt was made to write to a none base cluster.
Actn.	Check program and correct error.

NAT5647: VSAM cluster is not defined as reusable.

Text	ESY5647 VSAM cluster is not defined as reusable.
Expl.	Access to VSAM cluster only allowed if reusable.
Actn.	Define your VSAM cluster reusable.

NAT5648: Record not in ascending key sequence.

Text	ESY5648 Record not in ascending key sequence.
Expl.	An attempt was made to write a record with a wrong key.
Actn.	Check program and correct error.

NAT5649: ESY User not found or cannot be cancelled.

Text	ESY5649 ESY User not found or cannot be cancelled.
Expl.	The ESY User could not be found for various functions.
Actn.	Correct input data.

NAT5650: Invalid sequential file.

 Natural System Error Messages NAT5601-NAT5650

Text	ESY5650 Invalid sequential file.
Expl.	the requested sequential file does not exist please check file-name, and rerun program

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Natural System Error Messages NAT5651-NAT5700

NAT5651: Requested catalog does not exist.

Text	ESY5651 Requested catalog does not exist.
Expl.	The requested CVOL doesn"t exist.
Actn.	Specify valid CVOL.

NAT5652: Catalog structure inconsistent.

Text	ESY5652 Catalog structure inconsistent.
Expl.	The catalog structure is inconsistent.
Actn.	Notify the system programmer.

NAT5653: Cannot delete index.

Text	ESY5653 Cannot delete index.
Expl.	The index cannot be deleted.
Actn.	No action is required.

NAT5654: Index structure does not exist.

Text	ESY5654 Index structure does not exist.
Actn.	No action is required.

NAT5655: Insufficient space on catalog data set.

Text	ESY5655 Insufficient space on catalog data set.
Expl.	The catalog data set is full.
Actn.	Notify the system programmer.

NAT5656: Error cataloging generation data set.

Text	ESY5656 Error cataloging generation data set.
Expl.	An error occurred while cataloging a generation data set.
Actn.	Check specified values; if valid, contact the system programmer.

NAT5657: I/O error on catalog.

Text	ESY5657 I/O error on catalog.
Expl.	An I/O error occurred while accessing the catalog.
Actn.	This is probably a hardware error, contact the system programmer.

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NAT5658: Data set is not catalogued.

Text	ESY5658 Data set is not catalogued.
Expl.	The specified data set is not catalogued.
Actn.	No action is required.

NAT5659: Data set is already catalogued.

Text	ESY5659 Data set is already catalogued.
Expl.	The specified data set is already catalogued.
Actn.	No action is required.

NAT5660: :1: - :2: module not available.

Text	ESY5660 :1: - :2: module not available.
Expl.	The specified NATURAL module was not found.
Actn.	Specify name of an existant NATURAL module.

NAT5661: :1: - NATURAL sub-task already active.

Text	ESY5661 :1: - NATURAL sub-task already active.
Expl.	A NATURAL subtask is already active for this user.
Actn.	Make sure that subtask is closed prior restarting it.

NAT5662: :1: - NATURAL sub-task not allowed.

Text	ESY5662 :1: - NATURAL sub-task not allowed.
Expl.	The NATURAL subtask system has not been initialized.
Actn.	Notify system programmer.

NAT5663: :1: - NATURAL sub-task not active.

Text	ESY5663 :1: - NATURAL sub-task not active.
Expl.	The NATURAL subtask does not exist.
Actn.	No action is required.

NAT5664: :1: - NATURAL sub-task table full.

Text	ESY5664 :1: - NATURAL sub-task table full.
Expl.	The maximum number of NATURAL subtasks is reached.
Actn.	Notify system programmer.

NAT5665: :1: - invalid action requested.

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Text	ESY5665 :1: - invalid action requested.
Expl.	An invalid action was requested.
Actn.	Specify valid action.

NAT5666: :1: - NATURAL sub-task must have parameters.

Text	ESY5666 :1: - NATURAL sub-task must have parameters.
Expl.	An attempt was made to start a NATURAL subtask without parameters.
Actn.	Specify parameter for NATURAL subtask.

NAT5669: Invalid specification for keyword.

Text	ESY5669 Queue or job name invalid.
Expl.	Submit JCL contains error.
Actn.	Correct JCL error and rerun program.

NAT5670: View not supported.

Text	ESY5670 View not supported.
Expl.	This view is not supported on the local operating sytem.

NAT5671: Class missing or is invalid.

Text	ESY5671 Invalid field :1:
Expl.	The function CHANGE requires a valid NEW-CLASS, NEW-DESTINATION or NEW-USERID value.

NAT5672: Segment option requires JOBNAME/JOBNUMBER.

Text	ESY5672 Segment option requires JOBNAME/JOBNUMBER.
Expl.	Specifying the "SEGMENT" option (SEGMENT-NUMBER>0) requires that the job is identified with Jobname and Job-number.

NAT5673: Access error due to FILETABLE=STATIC.

Text	ESY5673 Access error due to FILETABLE=STATIC.
Expl.	The requested file could not be accessed because the Entire System Server startup parameter "FILETABLE" was specified as "STATIC". Only those files available at ESY initialization time (STD,PARSTD & TEMP labels) can therefore be accessed.
Actn.	To allow dynamic access of files NOT specified at ESY initialization time, change the "FILETABLE" parameter to "DYNAMIC" and restart Entire System Server.

NAT5674: VTOC error reading format-3 labels.

Text	ESY5674 VTOC error reading format-3 labels.
Expl.	VTOC error reading format-3 labels for the requested file.
Actn.	Information message only. No action necessary or possible.

NAT5675: :1: not supported.

Text	ESY5675 :1: not supported.
Expl.	Entire System Server has detected that the requested file has attributes which are not supported by this version of ESY. e.g. Multi-volume files, Multi-extent output files etc.

NAT5676: Not first volume of a multi volume file.

Text	ESY5676 Not first volume of a multi-volume file.
Expl.	Entire System Server has detected that the file on the specified volume is NOT the first volume/extent of a multi-volume file.

NAT5677: FAMS ERROR, R15=XXXXXXXX, R0=XXXXXXXX

Expl.	A FAMS error occurred while COPY-FILE was copying one or more program objects.
Actn.	Check the console log for IGW prefixed messages issued by FAMS for further information

NAT5678: Member already exists.

Text	ESY5678 Member already exists.
Expl.	In WRITE-FILE or COPY-FILE, REPLACE = "NO" was specified, however the member exists.
Actn.	No action rquired.

NAT5679: Input and output files are incompatible.

Text	ESY5679 Input and output files are incompatible.
Expl.	COPY-FILE has determined that the record formats of the input and output files are not compatible (RECFM does not match, block size incompatibilities, etc.).
Actn.	Verify data set attributes and reissue request with correct parameters.

NAT5680: Job/output is protected.

Text	ESY5680 Job/output is protected.
Expl.	The user is not authorized to access the specified job/output.
Actn.	Notify system programmer.

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NAT5681: Job/output is active.

Text	ESY5681 Job/output is active.
Expl.	The specified job/output is currently active.
Actn.	There is no action required.

NAT5682: Job/output is not dispatchable.

Text	ESY5682 Job/output is not dispatchable.
Expl.	The job/output is not dispatchable.
Actn.	There is no action required.

NAT5683: FAMS error, R15=:1:, R0=:2:.

Text	ESY5683 FAMS error, R15=:1:, R0=:2:.
Expl.	A FAMS error occurred while COPY-FILE was copying one or more program objects.
Actn.	Check the console log for IGW prefixed messages issued by FAMS for further information.

NAT5684: Remote program object copy currently unsupported.

Text	ESY5684 Remote program object copy currently unsupported.
Expl.	In this release of Entire System Server, use of COPY-FILE on OS/390 for copying program objects between different nodes is not supported. This message is also issued if a program object copy request is issued to a VSE/ESA node.
Actn.	A workaround is to first copy the program object to a PDS on the local node, then copy to a PDS on the remote node, then copy to the target PDSE.

NAT5687: Bad variable record.

Text	ESY5687 Bad variable record.
Expl.	Bad variable record.
Actn.	No action is required.

NAT5688: Return code :1: HCF function :2:.

Text	ESY5688 Return code :1: HCF function :2:.
Expl.	The HCF function failed. The return code is the HCF return code.
Actn.	Notify system programmer

NAT5690: :1: error :2: during :3:.

Text	ESY5690 1: error :2: during :3:.
Expl.	An error occurred accessing PANVALET or LIBRARIAN data.
Actn.	Notify system programmer.

NAT5691: Error while accessing librarian member.

Text	ESY5691 Error while accessing librarian member.
Expl.	AN error occurred accessing a LIBRARIAN member.
Actn.	There is no action required.

NAT5692: You are not permitted to access member.

Text	ESY5692 You are not permitted to access member.
Expl.	This user is not authorized to access the specified member.
Actn.	Check with system programmer.

NAT5693: :1:.

Text	ESY5693 :1:
Expl.	A PANVALET error occurred.
Actn.	See message text.

NAT5694: Strange error opening VTOC.

Text	ESY5694 Strange error opening VTOC.
Expl.	A strange internal error occurred reading the VTOC.
Actn.	Notify system programmer.

NAT5695: VTOC is in use.

Text	ESY5695 VTOC is in use.
Expl.	The VTOC is currently in use.
Actn.	Retry.

NAT5696: Cannot assign logical unit.

Text	ESY5696 Cannot assign logical unit.
Expl.	A logical unit could not be assigned.
Actn.	Notify system programmer.

NAT5697: Library/sublibrary not found.

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Text	ESY5697 Library/sublibrary not found.
Expl.	The specified library/sublibrary was not found.
Actn.	Specify valid library/sublibrary name.

NAT5698: Internal LIBRARIAN error has occurred.

Text	ESY5698 Internal LIBRARIAN error has occurred.
Expl.	An internal LIBRARIAN error occurred.
Actn.	Notify system programmer.

NAT5699: Not enough main storage available.

Text	ESY5699 Not enough main storage available.
Expl.	Not enough main storage was available to process the request.
Actn.	Notify system programmer.

NAT5700: Invalid value specified (DSORG / RECFM / TYPE).

Text	ESY5700 Invalid value specified (DSORG / RECFM / TYPE).
Expl.	An invalid value was specified for view FILE-ALLOCATE. Note: A more detailed message is returned when field ERROR-TEXT is specified.
Actn.	Specify valid value for DSORG / RECFM / TYPE.

Natural System Error Messages NAT5701-NAT5750

NAT5701: DSNAME missing.

Text	ESY5701 DSNAME missing.
Expl.	The DSNAME was missing.
Actn.	Specify a valid DSNAME.

NAT5702: OUTADD error-code :1: reason-code :2: key :3:.

Text	ESY5702 OUTADD error-code :1: reason-code :2: key :3:.

NAT5703: Copying of empty files not permitted.

Text	ESY5703 Copying of empty files not permitted.

NAT5710: Allocation failed with code :1:.

Text	ESY5710 Allocation failed with code :1:.
Expl.	The allocation failed. The code is the DYNALLOC return code. Note: A more detailed message is returned when field ERROR-TEXT is specified.
Actn.	Check the DYNALLOC return code.

NAT5711: Logical Error occurred in Common JES Interface.

Text	ESY5711 Logical Error occurred in Common JES Interface.
Expl.	A logical error has occurred in the Common JES Interface. Additional messages describing the type of error may have been issued to the console.
Actn.	Check the system log for additional messages. Contact Software AG technical support.

NAT5712: Request to Common JES Interface failed.

Text	ESY5712 Request to Common JES Interface failed.
Expl.	A request failed to access spool data.
Actn.	Contact Software AG technical support.

NAT5713: Jobname and Job ID missing. One of them required.

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Text	ESY5713 Jobname and Job ID missing. One of them required.
Expl.	Neither JOB-NAME nor JOB-ID / JOB-NUMBER have been specified. At least one of them is required to process the request.
Actn.	Specify JOB-NAME, JOB-ID or JOB-NUMBER with the request.

NAT5714: Unable to read :1: type SYSOUT datasets.

Text	ESY5714 Unable to read :1: type SYSOUT datasets.
Expl.	The specified spool file TYPE is invalid or can not be processed.
Actn.	Specify a valid spool file type (CC, JL, SI, SM or SO).

NAT5715: Duplicate jobnames found. Please specify job id.

Text	ESY5715 Duplicate jobnames found. Please specify job id.
Expl.	Multiple jobs were found for the specified job name.
Actn.	Additionally specify job id / job number.

NAT5717: GENCB for ACB or RPL failed with RC:1:and RSN:2:

Text	ESY5717 GENCB for ACB or RPL failed with RC:1:and RSN:2:
Expl.	An ACB or RPL could not be generated to access a SYSOUT data set.
Actn.	Check with the system programmer. Contact Software AG technical support.

NAT5719: Unable to :1: SYSOUT dataset.

Text	ESY5719 Unable to :1: SYSOUT dataset.
Expl.	An error occured during open or close of a SYSOUT data set.
Actn.	Check with the system programmer. Contact Software AG technical support.

NAT5720: Invalid TYPE.

Text	ESY5720 Invalid TYPE.
Expl.	An invalid TYPE was given in the READ-SPOOL view.
Actn.	Check source program. Valid values for TYPE are: in MVS: JL, SI, SO, SM and CC. in VSE: LS, PU, RD, XM, CC.

NAT5721: Job found, but not for specified spool ID.

Text	ESY5721 Job found, but not for specified spool ID.
Expl.	The job was found on a different spool than the one specified.
Actn.	No action is required.

NAT5722: Requested data set not found.

Text	ESY5722 Requested data set not found.
Expl.	The requested data set could not be found.
Actn.	No action is required.

NAT5723: Job not in output service.

Text	ESY5723 Job not in output service.
Expl.	The requested job is not in output service.
Actn.	No action is required.

NAT5724: Requested job not found.

Text	ESY5724 Requested Job not found.
Expl.	The requested job could not be found on the JES spool.
Actn.	No action is required.

NAT5725: I/O error on JES3 spool.

Text	ESY5725 I/O error on JES3 spool.
Expl.	A READ request to the JES spool failed.
Actn.	Retry. If the error persists, this is probably a hardware error.

NAT5726: Logical error on JES3 spool.

Text	ESY5726 Logical error on JES3 spool.
Expl.	A logical error occurred while reading the JES3 spool data set.
Actn.	Notify system programmer. (Software AG technical support should be notified as well).

NAT5727: Spanned record is too large.

Text	ESY5727 Spanned record is too large.
Expl.	A spanned record is too large.
Actn.	No action is required.

NAT5728: You are not allowed to see this job.

Text	ESY5728 You are not allowed to see this job.
Expl.	The user attempted to access a job for which he has not been authorized. This error is issued by the security system with which NATURAL PROCESS interfaces.
Actn.	No action is required.

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NAT5729: Invalid job TYPE, specify JOB, STC or TSU.

Text	ESY5729 Invalid job TYPE, specify JOB, STC or TSU.
Expl.	The specified job TYPE is invalid.
Actn.	Specify a valid job type (JOB, STC, or TSU).

NAT5730: Unknown error during spool open.

Text	ESY5730 Unknown error during spool open.
Expl.	An unknown error occurred during spool open.
Actn.	Notify the system programmer and Software AG technical support.

NAT5731: Error occurred during spool GET.

Text	ESY5731 Error occurred during spool GET.
Expl.	An error occurred during spool GET.
Actn.	Notify the system programmer and Software AG technical support.

NAT5732: Account number missing.

Text	ESY5732 Account number missing.
Expl.	account number was not supplied in view-call.
Actn.	check program and correct error.

NAT5733: User ID does not exist.

Text	ESY5733 No JOIN entry found for user.
Expl.	The user is not defined in the system. No action is required.

NAT5734: ARCHIVE run with errors.

Text	ESY5734 ARCHIVE run with errors.
Expl.	An error occurred during ARCHIVE execution. Check with the system programmer.

NAT5735: Logical error using I-T-C.

Text	ESY5735 Logical error using I-T-C.
Expl.	The inter-task-communication was not used correctly. No action is required.

NAT5736: MESSAGE-ID missing.

Text	ESY5736 Error using I-T-C and P1-Eventing.
Expl.	Inter-task-communication and P1-Eventing not used correctly. No action is required.

NAT5737: No more index space for inserting record.

Text	ESY5737 No more index space for inserting record.
Expl.	The number of records exceeds the available index range. No action required.

NAT5738: Error when using memory-pools.

Text	ESY5738 Error when using memory-pools.
Expl.	Incorrect use of the MAIN-STORAGE view. No action is required.

NAT5739: Error when using Job Variables.

Text	ESY5739 Error when using Job Variables.
Expl.	Incorrect use of JOB-VARIABLES view. More details are available via SYSTEM-MESSAGE-CODE.
Actn.	Please analyze the SYSTEM-MESSAGE-CODE.

NAT5740: Error when using BTAM file.

Text	ESY5740 Error when using BTAM file.
Expl.	An error occurred while allocating a file. No action is required.

NAT5741: Error when using SAM file.

Text	ESY5741 Error when using SAM file.
Expl.	An error occurred while allocating a file. No action is required.

NAT5742: Error when using PAM file.

Text	ESY5742 Error when using PAM file.
Expl.	An error occurred while allocating a file. No action is required.

NAT5743: Error when using ISAM file.

Text	ESY5743 Error when using ISAM file.
Expl.	An error occurred while allocating a file. No action is required.

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NAT5744: Invalid Eventing name given.

Text	ESY5744 Invalid eventing name given.
Expl.	An invalid eventing name was specified for P1-Eventing. No action is required.

NAT5745: Error occurred when executing Eventing.

Text	ESY5745 Error occurred when executing Eventing.
Expl.	Logical error using P1-Eventing. No action is required.

NAT5746: Serialisation running in error.

Text	ESY5746 Serialisation running in error.
Expl.	A serialization request has failed. Detailed informations areavailable via SYSTEM-MESSAGE-CODE.
Actn.	Repeat the request later.

NAT5747: LENGTH or SUBSTRING-LENGTH invalid.

Text	ESY5747 LENGTH or SUBSTRING-LENGTH invalid.
Expl.	Invalid value specification for view JOB-VARIABLES. Possible reasons: - position greater than length of JV - substring length greater than JV length minus position - position greater than JV length
Actn.	Correct values and try again.

NAT5748: Internal LMS error has occured.

Text	ESY5748 Internal LMS error has occured.
Expl.	The call to LMS subprogram interface has returned the return code for an internal LMS error. Additional inforamtions are available via SYSTEM-MESSAGE-CODE.
Actn.	Please check SYSTEM-MESSAGE-CODE.

NAT5749: PVS (CATID) not available.

Text	ESY5749 PVS (CATID) not available.
Expl.	The requested CATID is not available for the User ID of caller.
Actn.	No action possible.

NAT5750: Invalid operand within operand list.

 Natural System Error Messages NAT5701-NAT5750

Text	ESY5750 Invalid operand list.
Expl.	Incorrect usage of a NATURAL PROCESS view. No action is required.

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Natural System Error Messages NAT5751-NAT5800

NAT5751: Not enough memory to execute the function.

Text	ESY5751 Not enough memory to execute the function.
Expl.	There is not enough memory to execute the function. Check with the system programmer.

NAT5752: Message/Message length missing.

Text	ESY5752 Message/Message length missing.
Expl.	Possible reasons: - no message length specified - message length lower than 4 - message length greater than 1250 during use of field MESSAGE-ARRAY - message length greater than 250 during use of field MESSAGE-TEXT - no message specified
Actn.	Correct input values and try again.

NAT5753: I-T-C name missing.

Text	ESY5753 I-T-C name missing.
Expl.	ITC name must be specified for functions OPEN, RECEIVE and SEND.
Actn.	Add name specification.

NAT5754: not done.

Text	ESY5754 not done.

NAT5755: Invalid or no SWITCH type specified.

Text	ESY5755 Invalid or no SWITCH type specified.
Expl.	Neither USER nor PROCESS as switch type specified.
Actn.	Correct switch type.

NAT5756: Job Variable name missing or invalid.

Text	ESY5756 Job Variable name missing or invalid.
Expl.	Invalid syntax used or no value specified.
Actn.	Please correct name specification.

NAT5757: Error during user management.

Text	ESY5757 Error during user management.

NAT5758: User ID is missing.

Text	ESY5758 User ID is missing.
Expl.	No user name specified.
Actn.	Please specify name.

NAT5759: Name is missing.

Text	ESY5759 Name is missing.

NAT5760: Processor name is missing.

Text	ESY5760 Processor name is missing.

NAT5761: Start operand is missing.

Text	ESY5761 Start operand is missing.

NAT5762: Line/Station is missing.

Text	ESY5762 Line/Station is missing.

NAT5763: Info type operand is missing.

Text	ESY5763 Info type operand is missing.

NAT5764: Virtual call is missing.

Text	ESY5764 Virtual call is missing.

NAT5765: Required Catalog ID not accessible.

Text	ESY5765 Required Catalog ID not accessible.

NAT5766: User ID or Terminal ID missing.

Text	ESY5766 User ID or Terminal ID missing.
Expl.	Neither User ID nor processor-/terminal-name specified.
Actn.	Please specify requested values.

NAT5767: No TSN found.

Text	ESY5767 No TSN found.

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NAT5768: Invalid command in macro list.

Text	ESY5768 Invalid command in macro list.

NAT5769: Short name is missing.

Text	ESY5769 Short name is missing.

NAT5770: Serialisation name missing.

Text	ESY5770 Serialisation name missing.

NAT5771: No information found.

Text	ESY5771 No information found.
Expl.	No information found for specified request.
Actn.	No action required.

NAT5772: BS2000 Command has returned error.

Text	ESY5772 BS2000 Command has returned error.

NAT5773: New version operand missing.

Text	ESY5773 New version operand missing.

NAT5774: No core available.

Text	ESY5774 No core available.
Expl.	Not enough space available to allocate an ESY User Block.
Actn.	Please contact Software AG.

NAT5775: Invalid Priority Value specified.

Text	ESY5775 Invalid Priority Value specified.

NAT5776: Request was cancelled.

Text	ESY5776 Request was cancelled.
Expl.	Request was cancelled internally because user has been timed out.

NAT5777: Request has abended.

Text	ESY5777 Request has abended.
Expl.	An internal error occurred. Condensed abend information is contained in the job-log.
Actn.	Check with the system programmer. Contact Software AG technical support.

NAT5778: Cannot perform command - not APF authorized.

Text	ESY5778 Cannot perform command - not APF authorized.
Expl.	The NATURAL PROCESS nucleus is not running APF authorized.
Actn.	Check with the system programmer.

NAT5779: IDCAMS utility has abended.

Text	ESY5779 IDCAMS utility has abended.
Expl.	The IDCAMS utility has abended.
Actn.	Check job-log for additional information.

NAT5780: Completion code not ok.

Text	ESY5780 Completion code not ok.
Expl.	The execution of the request was not successful.
Actn.	Check input data of request.

NAT5781: Unable to obtain storage for work area extension.

Text	Unable to obtain storage for work area extension.
Expl.	A request failed to obtain storage for the work area extension.
Actn.	Increase the region size above 16 MB for Entire System Server.

NAT5782: Error from :1: for :2:, RC :3:, REASON :4:.

Text	Error from :1: for :2:, RC :3:, REASON :4:
Expl.	A request failed while attempting to read the VTOC.
Actn.	Contact your systems programmer.

NAT5783: Unable to allocate :1:, RC :2:, REASON :3:.

Text	Unable to allocate :1:, RC :2:, REASON :3:
Expl.	The specified volume could not be allocated.
Actn.	Contact your systems programmer.

NAT5784: Unable to open VTOC on :1:, RC :2:.

Text	Unable to open VTOC on :1:, RC :2:
Expl.	An OPEN request failed for the VTOC on the specified volume.
Actn.	Try again. If the problem persists, contact your systems programmer.

NAT5785: CVAF :1: failed with RC :2: and CVSTAT :3:.

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Text	CVAF:1: failed with RC :2: and CVSTAT :3:
Expl.	A request failed to the Common VTOC Access Facility.
Actn.	Contact your systems programmer.

NAT5786: Unable to obtain storage for CSI work area.

Text	Unable to obtain storage for CSI work area.
Expl.	A request failed to obtain storage for the CSI work area.
Actn.	Increase the region size above 16 MB for Entire System Server.

NAT5787: CSI request failed, Module :1:, Reason :2:, RC :3:.

Text	CSI request failed, Module :1:, Reason :2:, RC :3:
Expl.	A request to the catalog search interface failed.
Actn.	Contact your systems programmer.

NAT5788: Unable to substitute symbol :1:, RC :2:.

Text	Unable to substitute symbol :1:, RC :2:
Expl.	A request failed to substitute text for a system symbol.
Actn.	Contact your systems programmer.

NAT5789: Unable to get UCB copy for :1:, RC :2:.

Text	Unable to get UCB copy for :1:, RC :2:
Expl.	A request failed to get a UCB copy for the volume specified.
Actn.	Contact your systems programmer.

NAT5799: ENTIRE SYSTEM SERVER internal error.

Text	ESY5799 ENTIRE SYSTEM SERVER internal error.
Expl.	An internal error has occured.
Actn.	Please contact SAG support.

NAT5800: Specified level is a data set name.

Text	ESY5800 Specified level is a data set name.
Expl.	The specified level name is a data set name.
Actn.	No action is required.

Natural System Error Messages NAT5801-NAT5850

NAT5801: Job not found.

Text	ESY5801 Job not found.
Expl.	The requested job was not found.
Actn.	No action is required.

NAT5802: GETMAIN for CSA area failed.

Text	ESY5802 GETMAIN for CSA area failed.
Expl.	An attempt was made to access main storage, and GETMAIN for the CSA area failed.
Actn.	Notify the system programmer.

NAT5803: Cannot access data.

Text	ESY5803 Cannot access data.
Expl.	An attempt was made to access main storage, and the data specified cannot be accessed.
Actn.	No action is required.

NAT5804: Request to access data has timed out.

Text	ESY5804 Request to access data has timed out.
Expl.	Main storage was accessed, and SRB was scheduled to run in an address space. SRB must be completed within 10 seconds.
Actn.	No action is required.

NAT5805: Invalid TCB address.

Text	ESY5805 Invalid TCB address.
Expl.	An invalid TCB-ADDRESS was specified.
Actn.	Specify valid TCB-ADDRESS.

NAT5806: Permanent I/O error on catalog.

Text	ESY5806 Permanent I/O error on catalog.
Expl.	A permanent I/O error occurred while accessing the catalog.
Actn.	This may be a hardware error. Contact data center personell.

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NAT5807: Invalid track address.

Text	ESY5807 Invalid track address.
Expl.	An invalid track address was specified.
Actn.	Specify valid track address.

NAT5809: Subsystem not active.

Text	ESY5809 Subsystem not active.
Expl.	The related subsystem has not been started properly. Therefore, the requested function is not available in this run of ESY. Following views return this error code on BS2000/OSD: - views SPOOL-QUEUE, SPOOL-FILES, WRITE-SPOOL if SPOOL=NONE is defined; - views SEND-MESSAGE, CONSOLE if CONSOLE task is not running; - views CONSOLE, EVENTING if EVENTING task is not running.
Actn.	Contact your administrator to get the subsystem started for the next ESY run.

NAT5810: Error detected in catalog, processing terminated.

Text	ESY5810 Error detected in catalog, processing terminated.
Expl.	An error in the catalog structure was detected.
Actn.	Notify the system programmer.

NAT5811: Specified level is an empty index.

Text	ESY5811 Specified level is an empty index.
Expl.	The level specified is an empty index.
Actn.	No action is required.

NAT5820: Unknown command.

Text	ESY5820 Unknown command.
Expl.	A command which is not known to NATURAL PROCESS was entered.
Actn.	Check spelling, syntax of command. Check to see whether command is a NATURAL command.

NAT5821: Job no longer active.

Text	ESY5821 Job no longer active.
Expl.	An attempt was made to access a job which is no longer active.
Actn.	No action required.

NAT5822: Logical error on JES3 spool.

Text	ESY5822 Logical error on JES3 spool.
Expl.	A logical error occurred while reading the JES3 spool data set.
Actn.	Try again. If error persists, it may indicate a bad control block on the JES3 spool (which may be caused by a hardware error).

NAT5823: Requested job in input queue.

Text	ESY5823 Requested job in input queue.
Expl.	An attempt was made to access output data of a job which is in the input queue.
Actn.	Wait until job is processed.

NAT5824: I/O error on JES3 spool.

Text	ESY5824 I/O error on JES3 spool.
Expl.	A READ operation to JES3 spool failed to complete normally.
Actn.	Probably a hardware failure. A JES3 warmstart (with analysis) should be considered.

NAT5825: JES3 command data set is full.

Text	ESY5825 JES3 command data set is full.
Expl.	A WRITE operation to the JES3 command data set failed because the data set is full.
Actn.	Wait until space becomes available.

NAT5826: I/O error on JES3 command data set failed.

Text	ESY5826 I/O error on JES3 command data set.
Expl.	A WRITE attempt to the JES3 command data set failed.
Actn.	This is probably a hardware error. If error persists, it may be advisable to relocate the JES3 command data set.

NAT5830: JES interface is not active.

Text	ESY5830 JES interface is not active.
Expl.	The JES interface is not active.
Actn.	Check the JES parameter in the NATURAL PROCESS system parameter module.

NAT5831: Error during queue initialization.

Text	ESY5831 Error during queue initialization.
Expl.	An error occurred while reading JES control blocks.
Actn.	This is probably a hardware error. Contact data center personell.

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NAT5832: Error during queue open.

Text	ESY5832 Error during queue open.
Expl.	An error occurred during open of JES spool data set.
Actn.	Check with the system programmer.

NAT5833: You are not allowed to alter this job.

Text	ESY5833 You are not allowed to alter this job.
Expl.	An attempt was made to alter a job. The user is not authorized to alter the specified job. This error message is issued by the security system with which NATURAL PROCESS interfaces.
Actn.	No action is required.

NAT5834: Command failed, MGCRE RC = :1:.

Text	ESY5834 Command failed, MGCRE RC = :1:.
Expl.	A request failed to issue an internal JES or system command.
Actn.	Check with the system programmer. Contact Software AG technical support.

NAT5840: VTAM operator ACB is not open.

Text	ESY5840 VTAM operator ACB is not open.
Expl.	The VTAM operator ACB was not opened successfully during initialization.
Actn.	Either active VTAM support has not been requested by the system parameters, or an open error occurred during initialization. The job-log contains further information.

NAT5841: Error in SENDCMD - RTNCD=:1: FDBK2=:2:.

Text	ESY5841 Error in SENDCMD - RTNCD=:1: FDBK2=:2:.
Expl.	A VTAM error occurred while sending a command. Note: A more detailed message is returned when field ERROR-TEXT is specified.
Actn.	Check the command requested. The RTNCD and FDBK2 values are defined in the appropriate VTAM documentation.

NAT5842: Invalid VTAM command.

Text	ESY5842 Invalid VTAM command.
Expl.	An invalid VTAM command was requested.
Actn.	No action is required.

NAT5843: Printer is not available.

NAT5844: Buffer is waiting to be printed.

NAT5845: Printer is active for user :1:.

Text	ESY5845 Printer is active for user :1:.
Expl.	Another user is working with the printer.
Actn.	Wait until printer is not busy anymore.

NAT5846: Use function STATUS to get results.

NAT5847: Print mode ASIS error.

NAT5849: Print failed. Fct=:1: FD=:2: S=:3:.

Text	ESY5849 Print failed. Fct=:1: FD=:2: S=:3:.
Expl.	The print request failed. For further details check the variable data of FUNCTION, FEEDBACK and STATUS. You may find the explanation of these fields in the VTAM documentation.
Actn.	Please contact your systems programmer.

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Natural System Error Messages NAT5851-NAT5900

NAT5851: File not on volume.

Text	ESY5851 File not on volume.
Expl.	The requested file does not exist on the specified volume.
Actn.	No action is required.

NAT5852: No password supplied / VSAM data space.

Text	ESY5852 No password supplied / VSAM data space.
Expl.	No password was specified before attempting to access a password protected VSAM file.
Actn.	Specify a password.

NAT5853: Retention cycle unexpired / NEWNAME exists.

Text	ESY5853 Retention cycle unexpired / NEWNAME exists.
Expl.	A VTOC-UPDATE RENAME function was attempted; however, the retention cycle is unexpired, and the NEWNAME still exists.
Actn.	Specify a different NEWNAME, or wait until the retention cycle has expired.

NAT5854: Permanent I/O error.

Text	ESY5854 Permanent I/O error.
Expl.	A permanent I/O error was detected.
Actn.	This is probably a hardware error. Contact data center personell.

NAT5855: Volume not mounted.

Text	ESY5855 Volume not mounted.
Expl.	The requested volume was not mounted.
Actn.	Make sure that the volume is mounted before re-issuing the request.

NAT5856: Operator unable to mount volume.

Text	ESY5856 Operator unable to mount volume.
Expl.	The operator is not able to mount the volume.
Actn.	No action is required.

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NAT5857: File in use.

Text	ESY5857 File in use.
Expl.	The file is in use.
Actn.	Retry later.

NAT5858: Not authorized.

Text	ESY5858 Not authorized.
Expl.	A security violation was detected.
Actn.	No action is required.

NAT5859: File definition not deleted by RACF.

Text	ESY5859 File definition not deleted by RACF.
Expl.	The file definition has not been deleted by RACF.
Actn.	Execute RACF file deletion.

NAT5860: Member under MSHP control or changed with MSHP bypass.

Text	ESY5860 Member under MSHP control or changed with MSHP bypass.
Expl.	Member to be overwritten is under MSHP control or was changed with MSHP bypass.
Actn.	Use MSHP=YES to indicate MSHP bypass required.

NAT5861: Member contains SYSIPT data.

Text	ESY5861 Member contains SYSIPT data.
Expl.	Member to be overwritten contains SYSIPT data.
Actn.	Use INLINE-DATA=YES to confirm SYSIPT data required or INLINE-DATA=OFF to switch off the SYSIPT indicator.

NAT5870: RECORD field not in search buffer.

Text	ESY5870 RECORD field not in search buffer.
Expl.	RECORD must be specified for WRITE-FILE.
Actn.	Specify RECORD value.

NAT5871: MEMBER/MEMBER-TYPE not specified.

Text	ESY5871 MEMBER/MEMBER-TYPE not specified.
Expl.	The member name and/or type was not specified.
Actn.	Specify a member name and/or type.

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NAT5872: Record format not supported.

Text	ESY5872 Record format not supported.
Expl.	The record format of the desired data set is not supported.
Actn.	No action is required.

NAT5873: RECORD-LENGTH missing.

Text	ESY5873 RECORD-LENGTH missing.
Expl.	The RECORD-LENGTH value is missing.
Actn.	Specify RECORD-LENGTH value.

NAT5874: RECORD-LENGTH > LRECL.

Text	ESY5874 RECORD-LENGTH > LRECL.
Expl.	The specified RECORD-LENGTH value is greater than the LRECL of the data set.
Actn.	Specify valid RECORD-LENGTH value.

NAT5875: Position of data field > RECORD-LENGTH.

Text	ESY5875 Position of data field > RECORD-LENGTH.
Expl.	invalid parameter are given in this view-call.
Actn.	check program and correct error.

NAT5876: No NEW-field for CHANGE request.

Text	ESY5876 No "NEW-" field for CHANGE request
Expl.	No NEW-CLASS, NEW-DESTINATION or NEW-USERID field was supplied for the CHANGE request.
Actn.	Supply "NEW-" value

NAT5877: VSAM (SHOWCAT) processing error.

Text	ESY5877 VSAM (SHOWCAT) processing error.
Expl.	A SHOWCAT error was detected when processing the requested VSAM catalog.

NAT5878: Volume defined as DYNAM/D pool name.

Text	ESY5878 Volume defined as DYNAM/D pool name.
Expl.	The requested volume is defined to Entire System Server as a DYNAM/D "virtual" pool name. The requested function cannot be performed.

NAT5881: Error occurred while opening file.

Text	ESY5881 Error occurred while opening file.
Expl.	An error occurred during OPEN.
Actn.	Check the status of the data set.

NAT5882: Error occurred while closing file.

Text	ESY5882 Error occurred while closing file.
Expl.	An error occurred during CLOSE.
Actn.	Check the status of the data set.

NAT5883: Data set is full.

Text	ESY5883 Data set is full.
Expl.	The data set is full.
Actn.	Compress the PDS, or increase the data set size.

NAT5886: Event is in use.

Text	ESY5886 Event is in use.
Expl.	An attempt was made to delete an event someone was waiting for.
Actn.	Issue "POST" request prior to delete an event.

NAT5887: Event is already defined.

Text	ESY5887 Event is already defined.
Expl.	An attempt was made to define an event which already exists.
Actn.	No action is required.

NAT5888: Event name must be specified.

Text	ESY5888 Event name must be specified.
Expl.	An "EVENTING" request was issued without specifying the event name.
Actn.	Specify an event name.

NAT5889: Permanent I/O error while writing data set.

Text	ESY5889 Permanent I/O error while writing data set.
Expl.	An I/O error was detected during WRITE access.
Actn.	This is probably a hardware error. Contact data center personell.

NAT5890: Event does not exist.

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Text	ESY5890 Event does not exist.
Expl.	The specified event does not exist.
Actn.	No action is required.

NAT5891: Timeout waiting for event.

Text	ESY5891 Timeout while waiting for event.
Expl.	A timeout happened before the event was posted.
Actn.	No action is required.

NAT5893: Getmain failed.

Text	ESY5893 Getmain failed.
Expl.	There was not sufficient storage available to proceed with the request.
Actn.	Notify system programmer.

NAT5894: Enable Eventing failed.

Text	ESY5894 Enable Eventing failed.
Expl.	internal eventing error occured.
Actn.	contact technical support of Software AG.

NAT5899: Permanent I/O error while reading data set.

Text	ESY5899 Permanent I/O error while reading data set.
Expl.	An I/O error was detected during READ access.
Actn.	This is probably a hardware error. Contact data center personell.

NAT5900: Cannot allocate SYSOUT data set.

Text	ESY5900 Cannot allocate SYSOUT data set.
Expl.	Dynamic allocation of SYSOUT data set failed.
Actn.	Contact the system programmer.

Natural System Error Messages NAT5901-NAT5950

NAT5901: Cannot allocate internal reader.

Text	ESY5901 Cannot allocate internal reader.
Expl.	Dynamic allocation of internal reader failed.
Actn.	Contact the system programmer.

NAT5902: Dynamic allocation failed.

Text	ESY5902 Dynamic allocation failed.
Actn.	Contact the system programmer.

NAT5903: Dynamic allocation failed for temporary data set.

Text	ESY5903 Dynamic allocation failed for temporary data set.
Expl.	Dynamic allocation for a temporary data set failed.
Actn.	Contact the system programmer.

NAT5904: Edit not allowed (SCLM protection).

Text	ESY5904 Edit not allowed (SCLM protection)
Expl.	The selected PDS member has been protected by SCLM only browsing if this member is allowed, all update actions are denied;
Actn.	use SCLM dialog to free member

NAT5909: Syntax error in JCL command.

Text	ESY5909 Syntax error in JCL command. .
Expl.	A syntax error was detected.
Actn.	check JCL and correct error.

NAT5921: ENTIRE SYSTEM SERVER node table not linked.

Text	ESY5921 Entire System Server node table not linked
Expl.	Entire System Server node table not linked
Actn.	Contact your System Programmer

NAT5922: ENTIRE SYSTEM SERVER node :1: not active.

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Text	ESY5922 Entire System Server node :XXXXXXXXXXXXXXXX: not active
Actn.	Contact Operator or System Programmer

NAT5923: Error :1: calling ENTIRE SYSTEM SERVER.

NAT5924: Binary descriptors not supported for Incore Database

NAT5925: MU field in PE group not supported for Incore Database

NAT5926: Too many concurrent index searches for one file (max. 2)

Natural System Error Messages NAT5951-NAT6000

NAT5960: Internal error - invalid function code (NOMPUT-N).

NAT5961: Internal error - report not opened.

NAT5962: Internal error - error during compression of print line.

NAT5963: Internal error - invalid CC type specification.

NAT5964: Internal error - invalid source type specification.

NAT5965: Internal error - invalid NAF DBID.

NAT5966: Internal error - invalid NAF FNR.

NAT5967: Internal error - invalid logical printer number (1-31).

NAT5968: Internal error - invalid User ID specification.

NAT5969: Internal error - invalid PROGRAM specification.

NAT5970: Internal error - invalid LIBRARY specification.

NAT5971: Internal error - invalid LPF specification.

NAT5972: Internal error - invalid function code (NOMPUTQN).

NAT5973: NOM control record missing.

NAT5974: FSPOOL not defined in the NOM monitor defaults.

NAT5975: Internal error - error during CMMPP call.

NAT5981: Invalid value specified (BLKCTRL/BLKSIZE/LRECL).

Text	ESY5981 Invalid value specified (BLKCTRL/BLKSIZE/LRECL).
Expl.	Invalid value for BLOCK CONTROL, BLOCK SIZE or RECORD LENGTH specified.
Actn.	Please correct error.

NAT5982: Error during use of ISAM-key.

Text	ESY5982 Error during use of ISAM-key.
Expl.	Possible reasons: - duplicate key detected for DUPEKY=NO - key must be generated, but KEYLEN is greater than 8 bytes or no default KEYPOS - key length of file is greater than 253 bytes - key not found in ISAM-file - no key supplied for UPDATE-INPLACE=YES - invalid key sequence detected
Actn.	Please check parameters or file attributes.

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NAT5983: :1: not supported by :2:.

Text	ESY5983 :1: not supported by :2:.
Expl.	Various functions are not supported in special modes. E.g. view EVENTING is only available in MULTI USER MODE for BS2000. Error text "SINGLE USER MODE not supported by EVENTING" occurs.
Actn.	No action possible.

NAT5984: Server is not authorized to access.

Text	ESY5984 Server is not authorized to access.
Expl.	ESY Server Task is not authorized to access various objects with protection attributes, which not allows access for $TSOS.
Actn.	No action possible.

NAT5985: Access to tape file not allowed.

Text	ESY5985 Access to tape file not allowed.
Expl.	Access to tape file was requested, but parameter TAPES=NO is specified in ESY startup file.
Actn.	Please contact your ESY Administrator.

NAT5986: No or not enough space for :1:.

Text	ESY5986 No or not enough space for :1:.
Expl.	Various startup parameter sizes are exceeded. See variable text for details.
Actn.	Please contact your ESY Administrator.

NAT5987: Job Variable already exists.

Text	ESY5987 Job Variable already exists.
Expl.	An existing job variable cannot be allocated again.
Actn.	Please check your input values.

NAT5988: Invalid task type detected.

Text	ESY5988 Invalid task type detected.
Expl.	Task type must have a value between 1 and 7.
Actn.	Correct program.

NAT5989: Invalid ELEMENT specification.

Text	ESY5989 Invalid ELEMENT specification.
Expl.	Element name must be unique.
Actn.	Correct element name.

NAT5990: Field RECORD not found in format buffer.

Text	ESY5990 Field RECORD not found in format buffer.
Expl.	An attempt was made to read a record without specifying the "RECORD" field.
Actn.	Supply field RECORD in program.

NAT5991: Unknown product.

Text	ESY5991 Unknown product.
Expl.	An invalid "PRODUCT" value was specified.
Actn.	Specify valid product code.

NAT5992: Requested job variable not found.

Text	ESY5992 Requested job variable not found.
Expl.	The requested job variable is not catalogued.
Actn.	No action required.

NAT5993: Cannot open file.

Text	ESY5993 Cannot open file.
Expl.	An open request failed.
Actn.	No action required.

NAT5994: File not on volume.

Text	ESY5994 File not on volume.
Expl.	The requested data set is not on the specified volume.
Actn.	No action is required.

NAT5995: File not in catalog.

Text	ESY5995 File not in catalog.
Expl.	The data set is not catalogued.
Actn.	Specify VOLSER, or catalog data set.

NAT5996: Volume not online.

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Text	ESY5996 Volume not online.
Expl.	The specified volume is currently not available.
Actn.	Contact Operator or system programmer.

NAT5997: Data set is not PDS or sequential.

Text	ESY5997 Data set is not PDS or sequential.
Actn.	No action is required.

NAT5998: MEMBER not found.

Text	ESY5998 MEMBER not found.
Expl.	The requested member was not found.
Actn.	No action is required.

NAT5999: ENTIRE SYSTEM SERVER node :1: not active.

Text	ESY5999 NATURAL PROCESS node :1: not active.
Actn.	Contact Operator or system programmer.

NAT6000: Error text not available.

Text	Error text not available.

Natural System Error Messages NAT6001-NAT6050

NAT6001: NSD model has no domain reference.

Text	NSD model has no domain reference.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6002: Input is an unqualified non existing ERE for multiple domain.

Text	Input is an unqualified non existing ERE for multiple domain.
Expl.	This error should only occur in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6003: "OR" expected in domain/value specification.

Text	"OR" expected in domain/value specification.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6004: Illegal input: model is singular.

Text	Illegal input: model is singular.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6005: Missing built-in ID.

Text	Missing built-in ID.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6006: Illegal input after "," in dom/value spec.

Text	Illegal input after "," in dom/value spec.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

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NAT6007: "DDE" is not allowed here as domain specification.

Text	"DDE" is not allowed here as domain specification.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6008: AX-node expected.

Text	AX-node expected.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6009: Unexpected end of text in Search Buffer.

Text	Unexpected end of text in Search Buffer.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6011: Attribute sublist of model not found.

Text	Attribute sublist of model not found.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6012: User or DLOGON library not found.

Text	User or DLOGON library not found.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6013: Illegal format specified for descriptive attribute.

Text	Illegal format specified for descriptive attribute.
Expl.	For each descriptive attribute only specific formats are allowed. This error may occur in the case of an erroneous definition of descriptive attributes or if an illegal format has been specified in the format buffer for a direct call.
Actn.	Contact your Entire DB administrator.

NAT6014: Bad response code from built-in (ext) routine.

Text	Bad response code from built-in (ext) routine.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6015: New occurrence stored is not in buffer.

Text	New occurrence stored is not in buffer.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6016: Not even 1 page obtained (contradiction).

Text	Not even 1 page obtained (contradiction).
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6017: Page ISN not in core when bit says it should be.

Text	Page ISN not in core when bit says it should.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6018: AX-node for relation group has not been found.

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Text	AX-node for relation group has not been found.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6019: Tried to delete DLOGON library or user.

Text	Tried to delete DLOGON library or user.
Expl.	It is not allowed to delete the current DLOGON library or user.
Actn.	DLOGON for GLOBAL-LIBRARY or another user. Retry to delete library or user.

NAT6021: Missing component sublist.

Text	Missing component sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6022: Occurrence has no reference for PENDING CHANGE RECORDS.

Text	Occurrence has no reference for PENDING CHANGE RECORDS.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6023: Reference to non-existing ERE found in a DV node (EXPORT).

Text	Reference to non-existing ERE found in a DV node (EXPORT).
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6024: Number of nodes on top level sublist = 0.

Text	Number of nodes on top level sublist = 0.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6025: More than 1 sublist attached.

Text	More than 1 sublist attached.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6026: "RECURSIVELY" not allowed in attribute-list.

Text	"RECURSIVELY" not allowed in attribute-list.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6027: Illegal connector in attr/comp sublist (not "OR" OR ",").

Text	Illegal connector in attr/comp sublist (not "OR" OR ",").
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6028: Only one attribute allowed to be specified for occurrence.

Text	Only one attribute allowed to be specified for occurrence.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6029: Illegal input in DELETE clause of UPDATE command.

Text	Illegal input in DELETE clause of UPDATE command.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6030: Attrribute options not allowed in domain/value spec.

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Text	Attribute options not allowed in domain/value spec.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6031: Domain element is not a valid ERE name.

Text	Domain element is not a valid ERE name.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6033: Category qualification is illegal for a category.

Text	Category qualification is illegal for a category.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6034: Non existing ERE entered as category qualification.

Text	Non existing ERE entered as category qualification.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6035: Illegal category qualification.

Text	Illegal category qualification.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6036: Internal error: reference to modify not found.

Text	Internal error: reference to modify not found.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6037: Attempt to delete category, but occurrences involved.

Text	Category delete rejected, because occurrences involved.
Expl.	A category delete is rejected, because of one of the following: 1) The category to be deleted is an ER-category for which occurrences exist. 2) An ER-category for which non dummy occurrences exist becomes invalid, for example because it has the category to be deleted as attribute. For more details see Entire DB Reference documentation.
Actn.	Delete the occurrences involved before deleting the category.

NAT6038: Category update rejected, because occurrences are involved.

Text	Category update was rejected, because occurrences are involved.
Expl.	Category updates are rejected, if: 1) An entity category becomes invalid for non dummy occurrences, for example, because you add a non existing attribute to an entity category or a group category. 2) The category update requires that occurrences would have to be adapted, for example, if an attribute is deleted (exception: non inverted descriptive attributes may always be deleted). For more details see Entire DB Reference documentation.
Actn.	1) Define attribute categories before using them as attributes. 2) Delete the occurrences involved before updating the categories.

NAT6040: Missing sublist.

Text	Missing sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6041: Missing attribute sublist in model.

Text	Missing attribute sublist in model.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6042: Relation elements cannot be updated (only stored).

Text	Relation elements of a relationship cannot be updated.
Expl.	The relation elements are defined when the relationship is stored, and it is not allowed to update them.
Actn.	Delete relationship and store new relationship.

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NAT6043: Tried to change primary name of occ. of "STORE NAMES" category.

Text	Tried to change primary name of an occurrence of an entity category defined with the "STORE NAMES" option.
Expl.	It is not allowed to change the primary name of an occurrence of an entity category defined with the "STORE NAMES" option, because this option causes the primary name of a referenced occurrence to be stored in the referencing ERE to optimize the access to the linkage attributes, and, therefore, all EREs referencing the referenced ERE would have to be updated.
Actn.	Delete entity and store new entity with the new name or contact your Entire DB administrator to reorganize your Entire DB database.

NAT6044: Illegal "DELETE" body.

Text	Illegal "DELETE" body.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6045: Updated higher level cat. becomes invalid: Subcategories.

Text	Updated higher level cat. becomes invalid: Subcategories.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6046: Attr/Comp/Domain element to add already exists in category.

Text	Attr/Comp/Domain element to add already exists in category.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6047: Illegal modification type.

Text	Illegal modification type.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6049: Not implemented: Subcat for multiple version category.

 Natural System Error Messages NAT6001-NAT6050

Text	Not implemented: Subcat for multiple version category.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

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Natural System Error Messages NAT6051-NAT6100

NAT6051: "MULTIPLE VERSIONS", "LIBRARY INDEPENDENT": Mutually exc.

Text	"MULTIPLE VERSIONS", "LIBRARY INDEPENDENT": Mutually exc.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6052: "MULTIPLE VERSIONS" only allowed for entity cat. and rel.

Text	"MULTIPLE VERSIONS" only allowed for entity cat. and rel.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6053: Attempt to delete the only domain element of a domain cat.

Text	Attempt to delete the only domain element of a domain cat.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6054: Conflicting null suppression options.

Text	Conflicting null suppression options.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6056: Invalid category table.

Text	Invalid category table.
Expl.	EXPORT/IMPORT requires a valid category table.
Actn.	Rerun the export/import jobs with a Natural system containing the valid category table.

NAT6057: Conflicting "UNLOAD" options.

Text	Conflicting "UNLOAD" options.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

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NAT6058: Premature end of workfile found when importing.

Text	Premature end of workfile found when importing.
Expl.	Either a workfile is being used which has been generated by an export program that did not end properly, or the import program has read records using READ WORKFILE, which should have been read by an IMPORT statement, or an IMPORT has been executed, even though END OF WORKFILE has already been reached.
Actn.	Check workfile and export/import programs. Rerun export job or correct error in export or import programs.

NAT6059: Category "LIBRARY" is not defined in new dict.

Text	Category "LIBRARY" is not defined in new dict.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6060: Unexpected record type found in workfile.

Text	Unexpected record type found in workfile.
Expl.	A record which would have had to be read with READ WORKFILE was not read.
Actn.	Check program and correct error.

NAT6061: END OF FILE encountered when reading WF-HEADER.

Text	END OF FILE encountered when reading WF-HEADER.
Expl.	Either a workfile is being used which has been generated by an export program that did not end properly, or the import program has read records using READ WORKFILE, which should have been read by an IMPORT statement, or an IMPORT has been executed, even though END OF WORKFILE has already been reached.
Actn.	Check workfile and export/import programs. Rerun export job or correct error in export or import programs.

NAT6062: "ATTRIBUTES" not allowed in attribute-list.

Text	"ATTRIBUTES" not allowed in attribute-list.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6063: Category sublist encountered for a group attr.

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Text	Category sublist encountered for a group attr.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6064: ERE entered is not a sub-category to the attribute.

Text	ERE entered is not a sub-category to the attribute.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6065: Importing references to categories not implemented.

Text	Importing references to categories not implemented.
Expl.	An ERE to be imported references a category. Such references cannot be loaded at this time.
Actn.	Define attributes which reference categories with "NO LOAD/UNLOAD" option or write an export/import programs without using the EXPORT and IMPORT statements.

NAT6066: Contradiction: Domain ISN exists, but no ERE ISN.

Text	Contradiction: Domain ISN exists, but no ERE ISN.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6067: Bad names entry found in names record.

Text	Bad names entry found in names record.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6068: Contradiction: "Old" ERE exists but not category.

Text	Contradiction: "Old" ERE exists but not category.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6069: Occurrence "taken over" doesn"t exist.

Text	Occurrence "taken over" doesn"t exist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6070: Missing category qualifier for non existing ERE.

Text	Missing category qualifier for non existing ERE.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6071: Illegal relation element.

Text	Illegal relation element.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6072: Sublist specification for non existing ERE.

Text	Sublist specification for non existing ERE.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6073: Sublist entered for domain does not match model.

Text	Sublist entered for domain does not match model.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6074: Illegal node encountered in model domain Sublist.

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Text	Illegal node encountered in model domain Sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6075: Missing parent anchor in top level Sublist stack entry.

Text	Missing parent anchor in top level Sublist stack entry.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6076: Only references to occurrences are allowed.

Text	Only references to occurrences are allowed.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6077: Sublist stack overflow.

Text	Sublist stack overflow.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6078: Unexpected node.

Text	Unexpected node.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6079: Category contains extension record.

Text	Category contains extension record.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6080: Extension record to be deleted locked.

Text	Extension record to be deleted locked.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6081: AD node expected.

Text	AD node expected.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6082: Attempted to set primary name to blank.

Text	Attempted to set primary name to blank.
Expl.	Each entity must have a primary name which is not blank.
Actn.	Check program and correct error.

NAT6083: Missing AMONG clause for relation.

Text	Missing AMONG clause for relation.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6084: ISN specified for a linkage attribute is not ISN of an ERE.

Text	In a STORE/UPDATE statement an ISN has been specified for a linkage attribute, but an ERE with this ISN does not exist.
Expl.	Either an invalid number has been used, or the ERE to be referenced has been deleted.
Actn.	Check whether ERE to be referenced is still existing. If yes, check program and correct error.

NAT6085: No name/relation-element specified for ERE to be stored.

Text	No name/relation-element specified for ERE to be stored.
Expl.	Each entity must have a primary name and each relationship must have at least one relation element.
Actn.	Check program and correct error.

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NAT6086: ISN spec. for linkage attribute is ISN of a version record.

Text	ISN spec. for linkage attribute is ISN of a version record.
Expl.	In a STORE/UPDATE statement, the ISN specified for a linkage attribute is the ISN of a version record. Probably *ISN of a "FIND VERSIONS" statement has been specified.
Actn.	Check program and correct error.

NAT6087: Directory name hasn"t been found when it should have been.

Text	Directory name hasn"t been found when it should have been.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6088: ISN of ERE to be processed is version ISN.

Text	ISN of ERE to be processed is version ISN.
Expl.	Probably the statement where the error occured is contained in a FIND VERSIONS loop. The statement is only allowed for the current version of an ERE.
Actn.	Check program and correct error.

NAT6089: User written built-in routine has not been linked.

Text	User written built-in routine has not been linked.
Expl.	A user-defined built-in routine has been used. This built-in routine has not been linked to Natural.
Actn.	Contact your Entire DB administrator.

NAT6090: Duplicate names error.

Text	Duplicate names error.
Expl.	Names must be unique within a library cluster for an entity category. For a relationship category, the combination of relation elements must be unique within a library cluster.
Actn.	If you tried to store a new ERE: update the existing one. If you tried to rename an ERE, choose a unique name.

NAT6092: Illegal attribute ISN specified for stuffing.

Text	Illegal attribute ISN specified for stuffing.
Expl.	The Entire DB nucleus detected an unexpected situation, which probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB, terminate the Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6094: Work area overflow.

Text	Work area overflow.
Expl.	Overflow of internal work area in Entire DB nucleus occurred.
Actn.	Contact Software AG Entire DB maintenance staff.

NAT6095: Overflow of work area for command ID management.

Text	Overflow of work area for command ID management.
Expl.	There are too many active sets.
Actn.	Release sets no longer needed. Retry.

NAT6096: Illegal continuation after "ERE".

Text	Illegal continuation after "ERE".
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6097: NSD DV-node expected.

Text	NSD DV-node expected.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6098: Report number expected: number between 0 and 32.

Text	Report number expected: number between 0 and 32.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6099: Need to change code in routine because MAX#RELS <> 10.

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Text	Need to change code in routine because MAX#RELS <> 10.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6100: Duplicate names check when deleting a version.

Text	Duplicate names check when deleting a version.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

Natural System Error Messages NAT6101-NAT6150

NAT6102: Attempt to store library dependent occ. in GLOBAL-LIB.

Text	Attempted to store library-dependent occurrence in GLOBAL-LIBRARY.
Expl.	It is not possible to store library-dependent occurrences in the GLOBAL-LIBRARY. A DLOGON statement may be missing.
Actn.	Check program and correct error.

NAT6103: Attempt to TRANSFER a not validated version of an ERE.

Text	Attempted to TRANSFER a not validated version of an ERE.
Expl.	It is not validated, if there are mandatory attributes that have no values. In this case, TRANSFER is not allowed.
Actn.	Update entity to be transferred so that it is validated and retry.

NAT6104: Error when requesting/freeing memory.

Text	Error when requesting memory.
Expl.	"IMPORT", "EXPORT", and CATTAB generation each require additional memory. This memory was not available.
Actn.	Enlarge region size.

NAT6105: Extension record reference in model.

Text	Extension record reference in model.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6106: Workfile has not been allocated.

Text	Workfile has not been allocated.
Expl.	IMPORT and EXPORT require Workfile 1.
Actn.	Check and correct JCL and rerun job.

NAT6107: Security code in internal format is too long.

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Text	Security code in internal format is too long.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6108: Category for UPDATE/STORE not validated.

Text	Category for UPDATE/STORE not validated.
Expl.	The category is not validated, unless all definitions required for the attributes of this category are made.
Actn.	Contact your Entire DB administrator.

NAT6109: I/O error during workfile access.

Text	I/O error during workfile access for EXPORT/IMPORT.
Expl.	The physical damage of the file is a possible reason.
Actn.	Contact your Entire DB administrator.

NAT6111: Domain sublist in domain sublist.

Text	Domain sublist in domain sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6113: No ")" or continuation of display-list.

Text	No ")" or continuation of display-list.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6117: Universal linkage attribute in domain sublist.

Text	Universal linkage attribute in domain sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6118: Category is not validated.

Text	Category is not validated.
Expl.	Response code of LF command for a category that is not validated. The category is not validated, unless all definitions required for the attributes of this category are made.
Actn.	Make the missing definitions.

NAT6119: Unmatching category and ERE references.

Text	Unmatching category and ERE references.
Expl.	In a STORE/UPDATE statement, either the category reference of a linkage attribute exists but no ERE reference, or the indices for category and ERE reference do not match.
Actn.	Check program and correct error.

NAT6120: No reference, value or subtree in CAT-REF.

Text	No reference, value or subtree in CAT-REF.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6122: Record to be deleted is locked.

Text	Record to be deleted is locked.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6123: Category specified for linkage attribute does not exist.

Text	Category specified for linkage attribute does not exist.
Expl.	In STORE/UPDATE statements, the category specified for a linkage attribute does not exist.
Actn.	Check program and correct error.

NAT6124: Category specified for linkage attribute is not allowed.

Text	Category specified for linkage attribute does not exist.
Expl.	Category specified for a linkage attribute does not match those categories defined as domain for the linkage attribute.
Actn.	Check program and correct error.

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NAT6125: No domain reference in AD node in attr.

Text	No domain reference in AD node in attr.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6126: DV- or AD-node expected.

Text	DV- or AD-node expected.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6127: Domain is not defined.

Text	Domain is not defined.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6128: No reference to new model category.

Text	No reference to new model category.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6129: Restrictions not allowed (model has not been validated).

Text	Restrictions not allowed (model has not been validated).
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6130: Version has no library node.

Text	Version has no library node.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6131: Expected node not found.

Text	Expected node not found.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6132: RESTORE not allowed in Top-Level-Library.

Text	RESTORE not allowed in Top-Level-Library.
Expl.	Probably, DLOGON for the correct library is missing.
Actn.	Check program and correct error.

NAT6133: ERE could not be validated.

Text	ERE could not be validated.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6134: No category specified for universal attribute.

Text	No category specified for universal linkage attribute.
Expl.	For universal linkage attributes, references to EREs of all entity categories are allowed. If only the name of the EREs is specified, Entire DB cannot decide to which category the referenced ERE belongs.
Actn.	Check program and correct error.

NAT6135: Missing CHANGED-BY node.

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Text	Missing CHANGED-BY node.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6136: "REFERENCED" or "REFERENCING" without "RECURSIVELY" expe.

Text	"REFERENCED" or "REFERENCING" without "RECURSIVELY" expe.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6137: "VERSIONS" not allowed here, will not be processed.

Text	"VERSIONS" not allowed here, will not be processed.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6138: Syntax-unit is not number or ")".

Text	Syntax-unit is not number or ")".
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6139: Syntax-unit is name or ISN of a group attribute.

Text	Syntax unit in Search Buffer is name or ISN of a group attribute.
Expl.	This error may occur after a DLOGON to a library in an environment which contains other categories than expected by the program. It may occur as well, if a direct call with an incorrect search value buffer has been performed.
Actn.	Use the PRODUCT clause of the DLOGON statement to prevent access to an environment with invalid categories. In case of an invalid direct call, check program and correct error.

NAT6140: Too many relation elements entered for relation.

Text	Too many relation elements entered for relation.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6141: Missing component sublist in category RELATION-ELEMENTS.

Text	Missing component sublist in category RELATION-ELEMENTS.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6142: Illegal node in component sublist of cat RELATION-ELEMENTS.

Text	Illegal node in component sublist of cat RELATION-ELEMENTS.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6143: Attribute input for relation did not match.

Text	Attribute input for relation did not match.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6144: Not enough room left for creation of perm ERE.

Text	Not enough room left for creation of perm ERE.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6145: Illegal number of sublists in temporary AD-node.

Text	Illegal number of sublists in temporary AD-node.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6146: Category sublist expected in model but not found.

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Text	Category sublist expected in model but not found.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6147: Domain sublist expected in model but not found.

Text	Domain sublist expected in model but not found.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6148: Incompatible offsets (model and temporary node).

Text	Incompatible offsets (model and temporary node).
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6149: Premature end of sublist in model.

Text	Premature end of sublist in model.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6150: Neither name nor ISN present in DDN-reference.

Text	Neither name nor ISN present in DDN-reference.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

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Natural System Error Messages NAT6151-NAT6200

NAT6151: Illegal or missing model sublist.

Text	Illegal or missing model sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6152: Illegal first node in model sublist (not = GLAT).

Text	Illegal first node in model sublist (not = GLAT).
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6153: AS-command: command option 2 must be "1".

Text	AS-command: command option 2 must be "1".
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6154: Missing category qualification for non unique occurrence.

Text	Missing category qualification for non unique occurrence.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6155: Category entered as domain reference in occurrence.

Text	Category entered as domain reference in occurrence.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6156: Illegal input after "BY" in UPDATE command.

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Text	Illegal input after "BY" in UPDATE command.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6157: Internal CID has not been released at end of command.

Text	Internal CID has not been released at end of command.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6158: Data record to be written is not primary, extn. or directory.

Text	Data record to be written is not primary, extn. or directory.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6159: Attr/Comp/Dom not part of category to be updated.

Text	Attr/Comp/Dom not part of category to be updated.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6160: More than one ERE with same name/category found.

Text	More than one ERE with same name/category found.
Expl.	This situation normally should not occur. Under certain circumstances, it is possible that in some rare cases of parallel update more than one ERE is defined with equal name and category.
Actn.	Contact your Entire DB administrator to rename one of the EREs.

NAT6161: Free format update only implemented for categories.

Text	Free format update only implemented for categories.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6162: Invalid syntax of UPDATE command.

Text	Invalid syntax of UPDATE command.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6163: Not enough room left in work area.

Text	Not enough room left in work area.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6164: Syntax-unit is not ")", "DDE" or entity category.

Text	Syntax-unit is not ")", "DDE" or entity category.
Expl.	This error may occur after a DLOGON to a library in an environment which contains other categories than expected by the program. It may occur as well, if a direct call with an incorrect search value buffer has been performed.
Actn.	Use the PRODUCT clause of the DLOGON statement to prevent access to an environment with invalid categories. In case of an invalid direct call, check program and correct error.

NAT6165: "RECURSIVELY", "REFERENCED" not allowed after "FIND VRS".

Text	"RECURSIVELY" and "REFERENCED" are not allowed after "FIND VERSIONS".
Expl.	The "FIND RECURSIVELY" and "FIND REFERENCED" statements search for EREs, but not for a special version of EREs.
Actn.	Check program and correct error.

NAT6166: Category reference in occurrence must be a value.

Text	Category reference in occurrence must be a value.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6167: Missing model node while generating category ref.

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Text	Missing model node while generating category ref.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6168: Cat update only allowed for top-level categories.

Text	Cat update only allowed for top-level categories.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6169: A set retained in "FIND VERSIONS" only allowed after "FIND VRS".

Text	A set retained in "FIND VERSIONS" only allowed after "FIND VERSIONS".
Expl.	The set used in a FIND statement was retained in a "FIND VERSIONS" statement. This set may only be used after "FIND VERSIONS".
Actn.	Check program and correct error.

NAT6170: Missing attribute sublist in basic category.

Text	Missing attribute sublist in basic category.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6171: Retained set contains occurrences of other category.

Text	Retained set contains occurrences of other category.
Expl.	Set contains occurrences of other categories than indicated in the FIND statement.
Actn.	Check program and correct error.

NAT6173: Buffer overflow: No RHD available.

Text	Buffer overflow: No RHD available.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6174: Buffer overflow: no directory overflow bucket available.

Text	Buffer overflow: no directory overflow bucket available.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6175: Buffer overflow: no buffer slot available.

Text	Buffer overflow: no buffer slot available.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6176: Missing global sublist.

Text	Missing global sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6177: Bad names node.

Text	Bad names node.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6178: Category to be updated is not a domain category.

Text	Category to be updated is not a domain category.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6179: Category to be updated is not an entity category.

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Text	Category to be updated is not an entity category.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6180: Category to be updated is not a group category.

Text	Category to be updated is not a group category.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6181: Illegal input after "ADD".

Text	Illegal input after "ADD".
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6182: DEFINE/UPDATE category only after DLOGON for GLOBAL-LIBRARY.

Text	DEFINE/UPDATE category only after DLOGON for GLOBAL-LIBRARY.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6183: Bad history node.

Text	Bad history node.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6184: Bad library node.

Text	Bad library node.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6185: Number of allocated slots < minimum number of slots required.

Text	Number of allocated slots < minimum number of slots required.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6186: Length of allocated work area < minimum length required.

Text	Length of allocated work area < minimum length required.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6187: Security violation.

Text	Security violation.
Expl.	The Entire DB user has no authorization for the desired action.
Actn.	Contact your Entire DB administrator.

NAT6188: Group attributes without components.

Text	Group attributes without components.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6189: Syntax-unit is not number.

Text	Syntax-unit is not number.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6190: Node in attr/comp Sublist of category has no attr-reference.

Text	Node in attr/comp Sublist of category has no attr-reference.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

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NAT6191: No user specified in DLOGON statement.

Text	No user specified in DLOGON statement.
Expl.	A blank is specified as user name or no Entire DB user exists with the specified name.
Actn.	Retry DLOGON statement with correct user name.

NAT6192: User is not authorized to DLOGON for this library.

Text	User is not authorized to DLOGON for this library.
Expl.	Specified user is not authorized to DLOGON for this library.
Actn.	Contact your Entire DB administrator.

NAT6193: Invalid password in DLOGON statement.

Text	Invalid password in DLOGON statement.
Expl.	Either the DLOGON user has a password and no password was specified, or the password specified was invalid.
Actn.	Retry DLOGON statement with correct password.

NAT6194: Component category not found.

Text	Component category not found.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6195: Missing component sublist in model.

Text	Missing component sublist in model.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6196: DV- or SKIP-node expected.

Text	DV- or SKIP-node expected.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

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NAT6197: Invalid library password.

Text	Invalid library password
Expl.	In a DLOGON statement (syntax 2) the password of the library was missing or incorrect.
Actn.	Repeat DLOGON with correct library password.

NAT6198: Specified library name is not name of a library.

Text	Specified library name is not name of a library.
Expl.	Specified library name in DLOGON statement is not name of a library.
Actn.	Retry DLOGON with correct library name.

NAT6199: No default library. Library must be specif. in DLOGON statement.

Text	No default library. Library must be specifiedin DLOGON statement.
Expl.	DLOGON user has no default library. Library must be specified in DLOGON statement.
Actn.	Retry DLOGON statement with correct library name.

NAT6200: Category LIBRARY has no attribute sublist.

Text	Category LIBRARY has no attribute sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

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Natural System Error Messages NAT6201-NAT6250

NAT6202: Neither value nor ISN in DV-node.

Text	Neither value nor ISN in DV-node.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6203: Periodic group found within periodic group (model).

Text	Periodic group found within periodic group (model).
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6204: Missing primary name.

Text	Missing primary name.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6205: Missing, illegal or non-existing category name.

Text	Missing, illegal or non-existing category name.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6206: ERE already exists.

Text	ERE already exists.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6207: Illegal define body.

Text	Illegal define body.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6208: Higher level category does not exist.

Text	Higher level category does not exist.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6209: ERE entered as higher level category is an occurrence.

Text	ERE entered as higher level category is an occurrence.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6210: ERE entered as higher level category is not validated.

Text	ERE entered as higher level category is not validated.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6211: ERE entered as higher level category is locked.

Text	ERE entered as higher level category is locked.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6212: Superfluous input.

Text	Superfluous input.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6213: Invalid input for non multiple model attr.

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Text	Invalid input for non multiple model attr.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6217: Unmatched parenthesis.

Text	Unmatched parenthesis.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6218: Missing category DDN reference in model node.

Text	Missing category DDN reference in model node.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6220: Unexpected syntax unit found ("OR", "," OR "." expected).

Text	Unexpected syntax unit found ("OR", "," OR "." expected).
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6221: Missing domain specification for domain category.

Text	Missing domain specification for domain category.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6222: Input for domain category did not match model.

Text	Input for domain category did not match model.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6223: Superfluous input for domain category.

Text	Superfluous input for domain category.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6224: Missing attr. spec. for entity category.

Text	Missing attr. spec. for entity category.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6225: Missing component specification for group attr. category.

Text	Missing component specification for group attr. category.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6226: Input did not match attribute/component Sublist of model.

Text	Input did not match attribute/component Sublist of model.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6227: Return code from reduction routines.

Text	Return code from reduction routines.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6228: Illegal node in root category sublist encountered.

Text	Illegal node in root category sublist encountered.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6229: Domain did not match after "ATTR=".

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Text	Domain did not match after "ATTR=".
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6230: Category did not match after "ATTR=".

Text	Category did not match after "ATTR=".
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6231: Illegal input after "WITH".

Text	Illegal input after "WITH".
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6232: Entered attribute sublist did not match model.

Text	Entered attribute sublist did not match model.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6233: Entered component sublist did not match model.

Text	Entered component sublist did not match model.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6234: Non existing ERE entered as attr. of subcat or occurrence.

Text	Non existing ERE entered as attr. of subcat or occurrence.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6235: Illegal input after attribute.

Text	Illegal input after attribute.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6237: Sublist specification entered for non existing ERE.

Text	Sublist specification entered for non existing ERE.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6238: Domain specification entered for non existing ERE.

Text	Domain specification entered for non existing ERE.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6239: "WITH" clause illegally used.

Text	"WITH" clause illegally used.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6240: Attribute options are not allowed for occurrence.

Text	Attribute options are not allowed for occurrence.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6241: No value entered for attribute in definition of occurrence.

Text	No value entered for attribute in definition of occurrence.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6242: Model attribute could not be read.

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Text	Model attribute could not be read.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6243: Illegal input after "ATTR=".

Text	Illegal input after "ATTR=".
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6244: Input did not match category specification of model.

Text	Input did not match category specification of model.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6245: Conflicting manual / automatic attribute options.

Text	Conflicting manual / automatic attribute options.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6246: Attribute option "OMIT" used on top-level Sublist.

Text	Attribute option "OMIT" used on top-level Sublist.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6247: Conflicting mandatory / optional attr options.

Text	Conflicting mandatory / optional attr options.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6248: Illegal multiplicity option: model is singular.

Text	Illegal multiplicity option: model is singular.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6249: Input lower limit < model lower limit.

Text	Input lower limit < model lower limit.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6250: Input upper limit > model upper limit.

Text	Input upper limit > model upper limit.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

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Natural System Error Messages NAT6251-NAT6300

NAT6251: Conflicting duplication attribute options.

Text	Conflicting duplication attribute options.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6252: Extension attribute option for singular attribute.

Text	Extension attribute option for singular attribute.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6253: Index attribute option for singular attribute.

Text	Index attribute option for singular attribute.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6254: Conflicting index attribute options.

Text	Conflicting index attribute options.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6255: Conflicting inversion attribute options.

Text	Conflicting inversion attribute options.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6256: Duplication option entered for singular attribute.

Text	Duplication option entered for singular attribute.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6257: "OR" and "," mixed as separators in domain specification.

Text	"OR" and "," mixed as separators in domain specification.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6258: Missing open parenthesis.

Text	Missing open parenthesis.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6259: Domain specification started with "OR": no "," allowed.

Text	Domain specification started with "OR": no "," allowed.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6260: Illegal entry of category: only values allowed.

Text	Illegal entry of category: only values allowed.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6261: Illegal entry of category: only occurrences allowed.

Text	Illegal entry of category: only occurrences allowed.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6262: Duplicate attribute/component/category/domain entered.

Text	Duplicate attribute/component/category/domain entered.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6263: Model attribute is automatic.

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Text	Model attribute is automatic.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6264: "OMIT" entered for a mandatory attribute.

Text	"OMIT" entered for a mandatory attribute.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6265: Conflicting impacting options.

Text	Conflicting impacting options.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6266: Conflicting extension options.

Text	Conflicting extension options.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6267: Model not group attr. category: comp. spec. not allowed.

Text	Model not group attr. category: comp. spec. not allowed.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6268: Model not entity category: attr. specification not allowed.

Text	Model not entity category: attr. specification not allowed.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6269: Model not domain category: domain specification not allowed.

Text	Model not domain category: domain specification not allowed.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6270: Built-in ID entered for occurrence.

Text	Built-in ID entered for occurrence.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6271: Domain specification entered for occurrence.

Text	Domain specification entered for occurrence.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6272: Input for global attributes did not match.

Text	Input for global attributes did not match.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6273: Syntax-unit not name or ISN of a category.

Text	Syntax-unit not name or ISN of a category.
Expl.	This error may occur after a DLOGON to a library in an environment which contains other categories than expected by the program. It may occur as well, if a direct call with an incorrect search value buffer has been performed.
Actn.	Use the PRODUCT clause of the DLOGON statement to prevent access to an environment with invalid categories. In case of an invalid direct call, check program and correct error.

NAT6274: Wanted record not found.

Text	Wanted record not found.
Expl.	In rare cases, it is possible that the database becomes inconsistent in the case of concurrent update.
Actn.	Contact your Entire DB administrator to delete the ERE with the invalid reference.

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NAT6275: Record type was not expected.

Text	Record type was not expected.
Expl.	In rare cases, it is possible that the database becomes inconsistent in case of concurrent update.
Actn.	Contact your Entire DB administrator to delete the ERE with the invalid reference.

NAT6276: Read with timestamp not implemented.

Text	Read with timestamp not implemented.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6277: Premature end of sublist found in model for Global Sublist.

Text	Premature end of sublist found in model for Global Sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6278: Reference to extension record is illegal here.

Text	Reference to extension record is illegal here.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6279: ERE option entered more than once.

Text	ERE option entered more than once.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6280: Missing DDN reference.

Text	Missing DDN reference.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6281: Alias name entered is not a valid ERE name.

Text	Alias name entered is not a valid ERE name.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6282: More than 15 alias names entered.

Text	More than 15 alias names entered.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6283: ERE option entered is only valid for top-level category.

Text	ERE option entered is only valid for top-level category.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6284: Missing domain sublist.

Text	Missing domain sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6285: Model is not entity category: occurrence not allowed.

Text	Model is not entity category: occurrence not allowed.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6286: Record not in buffer.

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Text	Record not in buffer.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6287: Root-node expected.

Text	Root-node expected.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6288: Missing model attr/comp sublist.

Text	Missing model attr/comp sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6289: Occurrence to be processed does not exist.

Text	Occurrence to be processed does not exist.
Expl.	Probably, the occurrence has been deleted in the meantime or a direct call with an invalid ISN in the control block has been issued.
Actn.	Check whether ERE to be processed still exists. If yes, check program and correct error.

NAT6290: Occurrence is locked: UPDATE not allowed.

Text	Occurrence is locked: UPDATE not allowed.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6291: Empty format buffer specified for STORE.

Text	Empty format buffer specified for STORE.
Expl.	At least the name of an entity or the relation elements of a relationship must be specified in a STORE statement.
Actn.	Correct error in program.

NAT6292: Attribute sublist of occurrence not found.

Text	Attribute sublist of occurrence not found.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6293: Attribute could not be processed in a STORE/UPDATE stmt.

Text	Attribute could not be processed in a STORE/UPDATE stmt.
Expl.	There are two possible situations which can cause this error: 1) An attribute is specified twice in a STORE/UPDATE statement. In particular, this occurs in connection with linkage attributes, where a linkage attribute has been specified both via its name and via its ISN. 2) An index > 1 has been used for an attribute which is not multiple. This may happen in a direct call or if an invalid DDM is used.
Actn.	Check program and correct error.

NAT6295: No attribute reference in normal AD node.

Text	No attribute reference in normal AD node.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6296: No SLMO in model AD but no components sublist.

Text	No SLMO in model AD but no components sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6297: At end of command a slot is locked.

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Text	At end of command a slot is locked.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6298: At end of command a record is locked.

Text	At end of command a record is locked.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6299: Missing domain reference.

Text	Missing domain reference.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6300: Maximum number of categories defined.

Text	Maximum number of categories defined.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

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Natural System Error Messages NAT6301-NAT6350

NAT6301: Category ISN must be < 16384.

Text	Category ISN must be < 16384.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6302: Missing category reference.

Text	Missing category reference.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6303: Missing reference in model node.

Text	Missing reference in model node.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6304: Missing component Sublist in attribute GLOBAL-ATTRIBUTES.

Text	Missing component Sublist in attribute GLOBAL-ATTRIBUTES.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6305: First attribute in model is not GLOBAL-ATTRIBUTES.

Text	First attribute in model is not GLOBAL-ATTRIBUTES.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

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NAT6306: Illegal sublist specification in occurrence.

Text	Illegal sublist specification in occurrence.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6308: SLMO bit set but no ISN present in group attribute reference.

Text	SLMO bit set but no ISN present in group attribute reference.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6309: No component sublist found in group attr. model, but no SLMO.

Text	No component sublist found in group attr. model, but no SLMO.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6310: Loop limit exceeded when looking for comp.subl.

Text	Loop limit exceeded when looking for comp.subl.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6311: Occurrence has no component AX node where it should have one.

Text	Occurrence has no component AX node where it should have one.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6312: No attribute ISN in model AD node.

Text	No attribute ISN in model AD node.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6313: Bad node found in model for UPDATE/STORE.

Text	Bad node found in model for UPDATE/STORE.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6314: Bad subroutine CALL parameters.

Text	Bad subroutine CALL parameters.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6315: Multiple attribute specified twice with same index.

Text	Multiple attribute specified twice with same index.
Expl.	To begin with, this error may occur if the ISN and name of a linkage attribute are simultaneously specified. In the second place, it is encountered if a variable and a constant index are simultaneously used and the variable and the constant indices are equal.
Actn.	Check program and correct error.

NAT6316: Bad node found in old occurrence.

Text	Bad node found in old occurrence.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6317: Attribute in a periodic group specified twice with same index.

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Text	Attribute in a periodic group specified twice with same index.
Expl.	To begin with, this error may occur if the ISN and name of a linkage attribute are simultaneously specified. In the second place, it is encountered if a variable and a constant index are simultaneously used and the variable and the constant indices are equal.
Actn.	Check program and correct error.

NAT6318: UPDATE of automatic attribute not allowed.

Text	Update of automatic attribute not allowed.
Expl.	If an automatic attribute occurs in an update view, no new value may be assigned to the automatic attribute after the FIND/GET statement. If an automatic attribute occurs in a STORE view, it must have the value "blank" or "0".
Actn.	Check program and correct error.

NAT6319: Subtree attached in cat reference.

Text	Subtree attached in cat reference.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6320: No ISN in category reference.

Text	No ISN in category reference.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6321: Built-in check fail.

Text	Built-in check fail.
Expl.	An invalid value has been assigned to a descriptive attribute, i.e. a non-numeric value for a NUMERIC, or a LINE attribute contains a character < blank.
Actn.	Check program and correct error.

NAT6322: Illegal ISN specified for linkage attribute.

Text	Illegal ISN specified for linkage attribute.
Expl.	The value specified as ISN of a linkage attribute is not numeric.
Actn.	Check program and correct error.

NAT6323: Illegal reference specified for linkage attribute.

Text	Illegal reference specified for linkage attribute.
Expl.	There are the following possibilities: 1) Only the name of a linkage attribute has been referenced but not the category, even though several categories are possible as domain. 2) A category that is not allowed as domain of the linkage attribute has been specified. 3) An ERE that is not library-independent has been specified as linkage attribute for a library-independent ERE. 4) The specified ISN is not the ISN of an occurrence of a category allowed as domain for the linkage attribute.
Actn.	category allowed as domain for the linkage attribute. Check program and correct error.

NAT6324: No ISN in domain-reference.

Text	No ISN in domain-reference.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6326: Domain-reference with subtree but bad anchor.

Text	Domain-reference with subtree but bad anchor.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6327: Bad node found in domain sublist.

Text	Bad node found in domain sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

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NAT6328: Illegal node encountered in model attribute/component Sublist.

Text	Illegal node encountered in model attribute/component Sublist.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6329: Illegal node encountered.

Text	Illegal node encountered.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6330: Given category ISN does not exist.

Text	Given category ISN does not exist.
Expl.	This error may occur after a DLOGON to a library in an environment which contains other categories than expected by the program. It may occur, also, if a direct call with an incorrect search value buffer has been performed.
Actn.	Use the Application clause of the DLOGON statement to prevent access to an environment with invalid categories. In case of an invalid direct call, check program and correct error.

NAT6332: Occurrences not allowed to this category.

Text	Occurrences not allowed to this category.
Expl.	This error may occur after a DLOGON to a library in an environment which contains other categories than expected by the program. It may occur, also, if a direct call with an incorrect search value buffer has been performed.
Actn.	Use the Application clause of the DLOGON statement to prevent access to an environment with invalid categories. In case of an invalid direct call, check program and correct error.

NAT6333: Tried to DELETE/EXPORT/TRANSFER a category.

Text	Tried to DELETE/EXPORT/TRANSFER a category.
Expl.	It is not possible to delete/export a category via a DELETE or EXPORT statement. The TRANSFER statement may only be used for occurrences of multiple version categories.
Actn.	Use the Entire DB Utilities to delete/export a category.

NAT6335: Component sublist entered for occurrence.

Text	Component sublist entered for occurrence.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6336: Bad response code from FREEBUFF.

Text	Bad response code from FREEBUFF.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6337: More than one level of extension records specified.

Text	More than one level of extension records specified.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6338: C*attribute has no numeric value in a STORE/UPDATE statement.

Text	C*attribute has no numeric value in a STORE/UPDATE statement.
Expl.	Probably there is a redefinition with another format of C*attribute.
Actn.	Check program and correct error.

NAT6340: Not even 1 group fits into extension record.

Text	Not even one group fits into extension record.
Expl.	Probably a periodic group contains a multiple attribute with too many values. A possible solution may be not to define the "extensions allowed" option for the periodic group itself, but to define it for a multiple attribute within the periodic group.
Actn.	Contact your Entire DB administrator to reorganize the Entire DB database.

NAT6341: ERE overflow.

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Text	ERE overflow.
Expl.	Probably there are too many values for multiple attributes or periodic groups which have been defined without "extensions allowed".
Actn.	Contact your Entire DB administrator to define one of the multiple attributes or periodic groups as "extensions allowed".

NAT6343: Synchronization failure when reading extension record.

Text	Synchronization failure when reading extension record.
Expl.	Due to a concurrent UPDATE on an ERE, a synchronization problem may arise between the timestamps of the old primary record and the new extension record. As a result, the Entire DB statement being processed cannot be terminated correctly. The ERE may be inconsistent until the UPDATE transaction is completed.
Actn.	Retry later. If the error still occurs after the maximum transaction time, finish your Natural session and contact Product Support.

NAT6345: C*attribute specified more than once.

Text	C*attribute specified more than once.
Expl.	This error may occur, if C*attribute is used simultaneously with a variable and a constant periodic group index, and the variable and the constant indices are equal. Apart from that, this error may occur in a direct call.
Actn.	Check program and correct error.

NAT6346: Not even one node fits in EXTENSION RECORD.

Text	Not even one node fits in EXTENSION RECORD.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6347: Requested format conversion is not implemented.

Text	Requested format conversion is not implemented.
Expl.	For each descriptive attribute only specific formats are allowed. This error may occur in case of an erroneous definition of descriptive attributes or if an illegal format has been specified in the format buffer for a direct call.
Actn.	Contact your Entire DB administrator.

 Natural System Error Messages NAT6301-NAT6350

NAT6348: DV-node expected.

Text	DV-node expected.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6349: Directory belongs to other top level library.

Text	Directory belongs to other top level library.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

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Natural System Error Messages NAT6351-NAT6400

NAT6351: Format buffer element is group attribute. (Not implemented).

Text	Format buffer element is group attribute. (Not implemented).
Expl.	This error may occur after a DLOGON to a library in an environment which contains other categories than expected by the program. It may occur as well if a direct call with an incorrect search value buffer has been performed.
Actn.	Use the PRODUCT clause of the DLOGON statement to prevent access to an environment with invalid categories. In case of an invalid direct call, check program and correct error.

NAT6352: Attribute not defined.

Text	Attribute not defined.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6353: Category not defined.

Text	Category not defined.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6354: Error in format buffer.

Text	Error in format buffer.
Expl.	An error in the format buffer was detected for a direct call.
Actn.	Check program and correct error.

NAT6355: Record buffer overflow.

Text	Record buffer overflow.
Expl.	The record buffer length specified in the control block for a direct call is less than the length resulting from the format buffer.
Actn.	Check program and correct error.

NAT6357: Category in Search Buffer is attribute category.

Text	Category in Search Buffer is attribute category.
Expl.	This error may occur after a DLOGON to a library in an environment which contains other categories than expected by the program. It may occur as well, if a direct call with an incorrect search value buffer has been performed.
Actn.	Use the PRODUCT clause of the DLOGON statement to prevent access to an environment with invalid categories. In case of an invalid direct call, check program and correct error.

NAT6359: Syntax unit in Search Buffer not cat-ISN, cat-name or "DDE".

Text	Syntax unit in Search Buffer not cat-ISN, cat-name or "DDE".
Expl.	This error may occur after a DLOGON to a library in an environment which contains other categories than expected by the program. It may occur as well, if a direct call with an incorrect search value buffer has been performed.
Actn.	Use the PRODUCT clause of the DLOGON statement to prevent access to an environment with invalid categories. In case of an invalid direct call, check program and correct error.

NAT6360: Syntax unit in Search Buffer not beginning of a search criterion.

Text	Syntax unit in Search Buffer not beginning of a search criterion.
Expl.	This error may occur after a DLOGON to a library in an environment which contains other categories than expected by the program. It may occur as well, if a direct call with an incorrect search value buffer has been performed.
Actn.	Use the PRODUCT clause of the DLOGON statement to prevent access to an environment with invalid categories. In case of an invalid direct call, check program and correct error.

NAT6361: Bad built-in ID.

Text	Bad built-in ID.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6362: Syntax unit is not a name.

Text	Syntax unit is not a name.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

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NAT6363: Stack overflow.

Text	Stack overflow.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6364: No ")" or continuation FIND-group.

Text	No ")" or continuation FIND-group.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6365: No command ID available.

Text	No command ID available.
Expl.	A too complex FIND statement has been specified.
Actn.	Subdivide your FIND statement into two less complex FIND statements.

NAT6367: For direct call, invalid command ID specified in control block.

Text	For direct call, invalid command ID specified in control block.
Expl.	A valid command ID must not begin with H"FF" or the letter "D". This error also occurs, if a command requires that the command ID has already be defined, and the command ID does not exist, or if a command ID already exists, when it must not yet exist, or if a command ID is defined not in the way as it is expected by the current command, for example for another category.
Actn.	Check program and correct error.

NAT6369: Not value of attribute in search value buffer.

Text	An invalid value of an attribute was found in the search value buffer.
Expl.	Probably an attribute with illegal format has been defined or an illegal built-in category has been specified. The error may arise, also, if the maximum length of 119 bytes for a descriptor is exceeded.
Actn.	Contact your Entire DB administrator to correct the category definitions.

NAT6370: Not linkage attribute ISN or name in search value buffer.

Text	Not linkage attribute ISN or name in search value buffer.
Expl.	This error may occur after a DLOGON to a library in an environment which contains other categories than expected by the program. It may occur as well, if a direct call with an incorrect search value buffer has been performed.
Actn.	Use the Application clause of the DLOGON statement to prevent access to an environment with invalid categories. In case of an invalid direct call, check program and correct error.

NAT6374: Error in record buffer: variable length = 0

Text	Error in record buffer: variable length = 0
Expl.	In a direct call for an update, the length byte = 0 was specified for a field with variable length.
Actn.	Check program and correct error.

NAT6376: Not end of text in Search Buffer.

Text	Not end of text in Search Buffer.
Expl.	An invalid DLOGON statement (with Syntax 2) or an invalid FIND NATIVE statement has been issued or a direct call with an invalid search buffer has been specified.
Actn.	Check program and correct error.

NAT6377: No compare operator after category name/ISN.

Text	No compare operator after category name/ISN.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6378: Category name or directory name not in category table.

Text	Category name or directory name not in category table.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6379: Only ISN-linkage-attribute > or ^= 0 is implemented.

Text	Only ISN-linkage-attribute > ^= 0 implemented.
Expl.	Tried to perform a FIND WITH ISN-linkage-attribute > x or ^= x, where x is a non-zero number.
Actn.	Check program and correct error.

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Natural System Error Messages NAT6401-NAT6450

NAT6401: Illegal DNATIVE command.

Text	Illegal DNATIVE command.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6402: Extraneous input follows end of command in Search Buffer.

Text	Extraneous input follows end of command in Search Buffer.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6403: Not a valid syntax-unit in Search Buffer.

Text	Not a valid syntax-unit in Search Buffer.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6405: Invalid or missing ISN in Search Buffer.

Text	Invalid or missing ISN in Search Buffer.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

NAT6408: Built-in ID missing or invalid.

Text	Built-in ID missing or invalid.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6411: "RECURSIVELY" not allowed here.

Text	"RECURSIVELY" not allowed here.
Expl.	A direct call or a FIND NATIVE was issued with a syntax error in the Search Buffer.
Actn.	Check program and correct error.

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NAT6413: "MULTIPLE VERSIONS" misspelled.

Text	"MULTIPLE VERSIONS" misspelled.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6414: "SINGLE VERSION" misspelled.

Text	"SINGLE VERSION" misspelled.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6422: Invalid TRACE-option.

Text	Invalid TRACE-option.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6428: Same option entered before.

Text	Same option entered before.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6436: TO-option = 0 not permitted.

Text	TO-option = 0 not permitted.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6437: FROM-option <= 1 not permitted.

Text	FROM-option <= 1 not permitted.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6438: FROM-option > TO-option not permitted.

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Text	FROM-option > TO-option not permitted.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6444: Attribute option still pending.

Text	Attribute option still pending.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

NAT6445: Invalid STATS-option.

Text	Invalid STATS-option.
Expl.	This error should occur only in internal Entire DB statements used in Entire DB ONLINE SERVICES and in Entire DB utilities.
Actn.	If this error occurs in a "normal" statement, contact Software AG.

Natural System Error Messages NAT6451-NAT6500

NAT6452: Value stack overflow.

Text	Value stack overflow.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6453: Symbol stack overflow.

Text	Symbol stack overflow.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6454: Unexpected return code in module LANPROC.

Text	Unexpected return code in module LANPROC.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6455: Value stack underflow.

Text	Value stack underflow.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6456: Duplicate information in Search Buffer.

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Text	Duplicate information in Search Buffer.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6457: Duplicate value in Search Buffer.

Text	Duplicate value in Search Buffer.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6458: Syntax-unit is not correct.

Text	Syntax-unit is not correct.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6459: Unexpected end of text in Search Buffer.

Text	Unexpected end of text in Search Buffer.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6460: Extraneous or unrecognized information in Search Buffer.

Text	Extraneous or unrecognized information in Search Buffer.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6461: Illegal special character in Search Buffer.

Text	Illegal special character in Search Buffer.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6462: Error in language definition in module LANTAB.

Text	Error in language definition in module LANTAB.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6473: External library does not exist.

Text	External library does not exist.
Expl.	A DLOGON was tried to an external library that is not defined in the slave environment, where it is expected.
Actn.	Contact your Entire DB administrator.

NAT6474: Library belongs to invalid application.

Text	Library belongs to invalid application.
Expl.	A DLOGON was tried to a library that is not assigned to the specified application.
Actn.	Retry DLOGON for another library assigned to the correct application.

NAT6475: DLOGON from current master environment not allowed.

Text	DLOGON from current master environment not allowed.
Expl.	A DLOGON to the desired environment is not allowed from the current master environment.
Actn.	Contact your Entire DB administrator.

NAT6476: External password missing or incorrect.

Text	External password missing or incorrect.
Expl.	If Syntax 2 is used for the DLOGON statement for an external library and the password of the user in the master environment is different from the user"s password in the new environment, then the user"s password in the slave environment must be specified, too.
Actn.	Retry DLOGON with correct external password.

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NAT6477: DLOGON to another environment failed: restart Natural session.

Text	DLOGON to another environment failed: restart Natural session.
Expl.	An overflow occurs in the logical file table and therefore, it is not possible to DLOGON to another Entire DB environment in the current Natural session.
Actn.	Restart your Natural session and retry DLOGON.

NAT6478: Entire DB system files are not coupled.

Text	Entire DB system files are not coupled.
Expl.	If the Entire DB system files are not coupled, Entire DB cannot recognize whether system file 2 belongs with system file 1. For performance reasons it is recommended to use physically coupled files, although it is also possible to use files which are not coupled. To avoid errors, Entire DB requires that consecutive file numbers be used if the Entire DB system files are not coupled.
Actn.	Check that LFile assignment is correct and contact your Entire DB system administrator.

NAT6479: Index > UP TO option, update not done for illegal index.

Text	An index for multiple attribute or an attribute in a periodic group was specified that is larger than the corresponding UP-TO option.
Expl.	Although the UPDATE command is continued, no attribute values with an illegal index will be stored.
Actn.	Check program and correct error or contact your Entire DB administrator to increase the UP-TO option.

NAT6480: Alias name rejected because already name of another ERE.

Text	During an IMPORT an alias name was rejected, because this name is already the name of another ERE.
Expl.	The name is rejected, because we otherwise would get a duplicate names error. All other attributes of the imported ERE are updated.
Actn.	Check, which ERE should have the name and update the EREs if necessary.

NAT6481: Update of ERE rejected.

Text	During an import the update of an occurrence was rejected.
Expl.	The Entire DB import rejects the update of the following occurrences: - library independent occurrences of library semi-independent categories if the DLOGON library is not the GLOBAL-LIBRARY; - the DLOGON user; - libraries which are not dummy.
Actn.	Check if the ERE in the GLOBAL-LIBRARY is the same as the rejected ERE. If not, rename the ERE in the export library and re-run the EXPORT and IMPORT programs. If it is, do required update with normal update program

NAT6482: Entire system file 2 is defined with ISN reusage.

Text	Adabas system file 2 for Entire DB is defined with ISN reusage.
Expl.	A record has been stored with an ISN larger than the MAX-ISN of system file 2 has been stored in system file1. The Entire DB nucleus tried to perform an Adabas N1 call for system file 2 to force Adabas to create an extension of the Adabas address converter. But because of ISN reusage Adabas created an ISN with a small ISN, and didn"t create the extension of the address converter. Until the ISN reusage option has been reset or the MAX ISN has been increased, it is not possible to store new records and to perform some updates.
Actn.	Contact your DBA to reset the ISN reusage option for Adabas Entire system file 2.

NAT6483: An ISN exists only in Entire system file 2, but not in file 1.

Text	An ISN exists only in Entire system file 2, but not in file 1.
Expl.	The Entire DB nucleus detected an unexpected situation, that probably resulted from an error in the Entire DB nucleus.
Actn.	To continue work with Entire DB terminate Natural session and begin a new one. Try to reproduce the error with DU=ON to get a dump and contact Software AG.

NAT6484: DLOGON rejected, because library contains invalid attributes.

Text	DLOGON rejected, because library contains invalid attributes.
Expl.	This may happen, if the library has not been defined using the utilities or subprograms provided by SAG. One typical reason is that an import of EREs referencing a library has been executed, and the library has been created as dummy, or a non existing library name has been specified for a linkage attribute with domain library.
Actn.	Contact your Entire DB administrator to correct the library definition.

NAT6485: ISN in control block is not ISN of ER-category.

Text	ISN in control block is not ISN of ER-category.
Expl.	Either a DLOGON to an environment where the requested category doesn"t exist has been performed, or a native call with an illegal ISN in the control block has been performed.
Actn.	Check program and correct error.

NAT6486: READ LOGICAL only implemented for descriptive attributes.

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Text	READ LOGICAL only implemented for descriptive attributes.
Expl.	This error can have the following reasons: 1) A linkage attribute has been specified in a READ statement. This is not implemented. Use a FIND statement and a SORT statement instead. 2) The DDM did not correspond with the category, perhaps because a DLOGON to an environment with other categories has been performed. 3) An invalid Entire L3/L6 direct call has been performed.
Actn.	Check program and previous DLOGON-statement and correct error.

NAT6487: Error in search buffer or value buffer of an Entire call.

Text	Error in search buffer or value buffer of an Entire call.
Expl.	An Entire direct call with an invalid search buffer or value buffer has been performed.
Actn.	Check program and correct error.

NAT6488: Number of data blocks invalid.

Text	Number of data blocks invalid.
Expl.	The number of data blocks defined must be either 0, or have a value between 10 and 16, whereby the default value is either 0 or 10.
Actn.	Contact your Entire DB administrator regarding Record Size maintenance in Entire DB Utilities.

NAT6489: ZSIZE insufficient for this environment.

Text	ZSIZE insufficient for this environment.
Expl.	The ZSIZE requirements are dependent upon the value assigned to the number of data blocks (record size) in the environment (system files).
Actn.	Increase ZSIZE and restart Natural session.

NAT6490: ERE is inconsistent.

Text	ERE is inconsistent.
Expl.	The kind of ERE inconsistency, appearing during a SHOW statement, can be inferred from the kinds of warnings displayed.
Actn.	This inconsistency should be removed in accordance with the instructions given on "Inconsistency" in the Entire DB Reference documentation.

NAT6491: "ERRORS" not allowed here.

Text	"ERRORS" not allowed here.
Expl.	The reserved word "ERRORS" has been detected, but is not allowed, in the Search Buffer.
Actn.	Check program and correct error.

NAT6492: Category Table could not be written. Modules not linked.

Text	Category Table could not be written. Modules not linked.
Expl.	The modules required for Usage of Category Table are not linked to Natural. Please see the Entire DB Installation documentation for further information.
Actn.	Check the link job and re-link Natural with the required modules.

NAT6493: Invalid Relation Elements for Relationship Occurrence.

Text	Invalid Relation Elements for Relationship Occurrence.
Expl.	Invalid relation elements were specified for storing Relationship Occurrence. Either all relation elements have NULL value, or relation element n has NULL value and relation element n+1 does not have NULL value.
Actn.	Correct error in program.

NAT6494: Illegal DLOGON session.

Text	Illegal DLOGON session.
Expl.	A DLOGON session can have a value between "0" and "9" or "+" or "-". "+" is only allowed if the previous DLOGON session was less than "9". "-" is only allowed if the previous DLOGON session was more than "0".
Actn.	Correct error in program.

NAT6495: Illegal MASTER Environment.

Text	Illegal MASTER Environment.
Expl.	Either invalid LFILE parameter have been specified for the Entire DB system files, or the Entire DB MASTER Environment has not been installed correctly.
Actn.	Check your system file assignments with the SYSPROF command. If they are correct, check that the Entire DB MASTER Environment has been installed correctly.

NAT6496: Illegal Slave Environment.

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Text	Illegal Slave Environment.
Expl.	Either the Slave Environment entry of an external library has been specified incorrectly, or the Entire DB Slave Environment has not been installed correctly.
Actn.	Check your definition of the slave environment, using Entire DB Online Services. If it is correct, check that the Entire DB Slave Environment has been installed correctly.

NAT6497: Copy rejected because REPLACE option not specified.

Text	Copy rejected because REPLACE option not specified.
Expl.	A copy where the target ERE already exists and is not dummy is only allowed if the REPLACE option has been specified.
Actn.	Check program and correct error.

NAT6500: EDITOR buffer SSIZE not allocated or too small.

Text	EDITOR buffer SSIZE not allocated or too small.
Expl.	The initialization of the EDITOR failed due to insufficient main storage for its SSIZE buffer.
Actn.	Restart Natural with a larger SSIZE value, or in a larger environment.

Natural System Error Messages NAT6501-NAT6550

NAT6501: SAG editor buffer pool not found, invalid or not active.

Text	SAG editor buffer pool not found, invalid or not active.
Expl.	The SAG editor buffer pool is not defined correctly or it is not allocated or started. Possibly, it was initalized with Natural 2.3. An editor buffer pool cannot be shared between Natural 2.3 and 3.1. If you have defined an auxiliary SAG editor buffer pool by the profile parameter EDPSIZE, there may be not enough memory to allocate it.
Actn.	Check if NTBP macro within the Natural pameter module specifies the editor buffer pool correctly. For a global buffer pool, check if it has been started successfully. Correct problem and restart Natural session.

NAT6502: SAG EDITOR buffer pool too small.

Text	SAG EDITOR buffer pool too small.
Expl.	The SAG EDITOR buffer pool is defined too small to contain all the required tables and a sufficient number of blocks. Refer to the Natural Operations documentation for information on the SAG EDITOR buffer pool space requirements.
Actn.	Enlarge the SAG EDITOR buffer pool or use a smaller work file and restart the Natural environment.

NAT6503: SAG EDITOR buffer pool initialization timeout exceeded.

Text	SAG EDITOR buffer pool initialization timeout exceeded.
Expl.	For a multi-user environment or when you are running a global SAG EDITOR buffer pool, either 1) initialization by another user has failed due to an unexpected abend, or 2) the initialization timeout value has been exceeded.
Actn.	In the first case, contact Software AG support and once problem is solved, restart the EDITOR buffer pool. In the second case, increase the EDITOR buffer pool timeout parameter and then restart the EDITOR.

NAT6504: SAG EDITOR buffer pool work file open error :1:.

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Text	SAG EDITOR buffer pool work file open error ... .
Expl.	During SAG EDITOR buffer pool initialization, the first access to the work file has failed with one of the following return codes: 04: Work file cannot be opened or accessed 08: Invalid work file record length 12: Work file I/O error 16: Work file defined incorrectly or in use by another buffer pool.
Actn.	Check the console operator log for more detailed messages. Correct the problem with the work file and restart the SAG EDITOR buffer pool.

NAT6505: SAG EDITOR work file record length invalid.

Text	SAG EDITOR work file record length invalid.
Expl.	The EDITOR SAG buffer pool work file has been defined with an invalid record length. It must be in the range of 504 to 16384 bytes and it must be a multiple of 8 bytes.
Actn.	Redefine the SAG EDITOR buffer pool work file with a correct record length and restart the SAG EDITOR buffer pool.

NAT6506: SAG EDITOR buffer pool has been restarted.

Text	SAG EDITOR buffer pool has been restarted.
Expl.	The SAG EDITOR buffer pool has been restarted by the administration utility. The new buffer pool cannot be accessed by this session.
Actn.	Restart the Natural session to access the new buffer pool.

NAT6507: EDITOR buffer pool initialized successfully by user :1:.

Text	EDITOR buffer pool initialized successfully by user ...
Expl.	The SAG EDITOR buffer pool was successfully initialized by user ... This message is for information only and is not sent to the operator console if the SAG EDITOR buffer pool parameter IMSG=OFF was set.
Actn.	None

NAT6508: SAG EDITOR buffer pool initialization failed by user :1:.

Text	SAG EDITOR buffer pool initialization failed by user ...
Expl.	The SAG EDITOR buffer pool initialization started by user ... has failed. This message is sent to the operator console only if the SAG EDITOR buffer pool parameter IMSG=ON was set.
Actn.	Check the other messages on the operator console for more detailed information about the cause of the failure.

NAT6509: SAG EDITOR buffer pool terminated by user :1:.

Text	SAG EDITOR buffer pool terminated by user ...
Expl.	The SAG EDITOR buffer pool has been terminated by user ... This message is for information only and is not sent to the operator console if the SAG EDITOR buffer pool parameter IMSG=OFF is set.
Actn.	None

NAT6510: SAG EDITOR work file read error :1:

Text	SAG EDITOR work file read error ...
Expl.	An error has occured when reading a record from the SAG EDITOR buffer pool work file. The error reason code explains the cause of the failure as follows: 08: Invalid work file record length 12: Work file I/O error 16: Incorrect work file defined 20: Record not found
Actn.	Check the console operator log for more detailed messages. Correct the problem with the work file and restart the SAG EDITOR buffer pool if necessary.

NAT6511: SAG EDITOR work file write error :1:

Text	SAG EDITOR work file write error ...
Expl.	An error has occurred when writing a record to the SAG EDITOR buffer pool work file. The error reason codes are: 08: Invalid work file record length 12: Work file I/O error 16: Incorrect work file defined 20: Invalid work file record number
Actn.	Check the console operator log for more detailed messages. Correct the problem with the work file and restart the SAG EDITOR buffer pool if necessary.

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 Natural System Error Messages NAT6651-NAT6700

Natural System Error Messages NAT6651-NAT6700

NAT6700: Entry may be ND (not null with default) or NN (not null).

Natural System Error Messages NAT6701-NAT6750

NAT6701: ND(not null with default)/(FI)fieldproc-block mutually exclusive.

NAT6702: Enter valid program name in fieldproc-block. Press ENTER.

NAT6703: Press PF5 to execute, PF2 to see next map, PF8 to leaf.

NAT6706: Subselect is required. Press ENTER to proceed.

NAT6707: Please enter:1:.

NAT6708: UPDATE and UPDATE(column-name) are mutually exclusive.

NAT6709: Enter table- and/or view-names. Press PF2 to proceed.

NAT6710: Enter authorization-IDs or "PUBLIC". Press PF2.

NAT6711: Press PF2 to see next map.

NAT6712: Invalid name for sql-member specified.

NAT6713: Too many keywords specified in command line.

NAT6714: No SQL-members found to be listed.

NAT6715: Name of SQL-member missing or invalid.

NAT6716: Source changes not to be considered. Press PF4 to confirm.

NAT6717: A member with that name already exists.

NAT6718: Source area contains currently more than:1:lines.

NAT6719: Name of SQL-member must start with upper-case character.

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 Natural System Error Messages NAT6751-NAT6800

Natural System Error Messages NAT6751-NAT6800

NAT6799: No information for this error found.

NAT6800: Suspending of a session failed

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 Natural System Error Messages NAT6801-NAT6850

Natural System Error Messages NAT6801-NAT6850

NAT6801: Columns :1: :2:

NAT6802: Invalid command

NAT6803: Invalid parameter

NAT6804: Only one member can be in source area

NAT6805: Session exists but diffrent

NAT6806: Data indexes rebuilt

NAT6807: Layout of the file is missing

NAT6808: Command :1: invalid

NAT6809: Invalid type

NAT6810: I/O ERROR

NAT6811: SSIZE too small

NAT6812: Number too big

NAT6813: Number too short

NAT6814: Illegal usage

NAT6815: Illegal file type

NAT6816: Too many labels

NAT6817: Error in getting lines

NAT6818: Error while deleting lines

NAT6819: Sort failed

NAT6820: :1: lines sorted

NAT6821: *top of data reached*

NAT6822: *bottom of data reached*

NAT6823: :1: records searched

NAT6824: Record length invalid

NAT6825: Invalid hex string

NAT6826: Invalid string

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 Natural System Error Messages NAT6801-NAT6850

NAT6827: Invalid "to" string

NAT6828: User exit not defined

NAT6829: Line(s) not deleted

NAT6830: Invalid in hex mode

NAT6831: No space in source area

NAT6832: No space for data block

NAT6833: No space for index block

NAT6834: Cannot read index block

NAT6835: Cannot allocate BP file

NAT6836: Write to BP failed

NAT6837: Read from BP failed

NAT6838: Enter a FIND command

NAT6839: Enter a CHANGE command

NAT6840: Char :1:":2:" found

NAT6841: Char :1:":2:" not found

NAT6842: :1: char :2:":3:" found

NAT6843: Index for the field not exists

NAT6844: Read failed

NAT6845: Getting text failed

NAT6846: Line length exceeded

NAT6847: No lines found

NAT6848: :1: line(s) excluded

NAT6849: :1: line(s) included

NAT6850: :1: line(s) deleted

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 Natural System Error Messages NAT6851-NAT6900

Natural System Error Messages NAT6851-NAT6900

NAT6851: Log file not active

NAT6852: No log records

NAT6853: Log error

NAT6854: Definition of the field is missing

NAT6855: Error reading log block

NAT6856: Data changed-save/cancel

NAT6857: Member :1: saved

NAT6858: File saved

NAT6859: BP not active

NAT6860: Cannot free BP block

NAT6861: Cannot allocate BP block

NAT6862: Cannot free BP block

NAT6863: Enter character string

NAT6864: Enter "to" string

NAT6865: Cannot write checkpoint block

NAT6866: Cannot free checkpoint block

NAT6867: Some data may be ignored

NAT6868: ISN operation failed

NAT6869: Format of the field invalid

NAT6870: Job :1: submitted

NAT6871: Command passed to PANVALET

NAT6872: Command passed to LIBRARIAN

NAT6873: Window does not fit

NAT6874: Invalid data space

NAT6875: ISN already exists

NAT6876: Member :1: created

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NAT6877: File has been created

NAT6878: :1: line(s) copied

NAT6879: Member not found

NAT6880: Suffix :1:":2:" found

NAT6881: Suffix :1:":2:" not found

NAT6882: :1: suffix :2:":3:" found

NAT6883: Suffix :1:":2:" changed

NAT6884: :1: suffix :2:":3:" changed

NAT6885: Prefix :1:":2:" found

NAT6886: Prefix :1:":2:" not found

NAT6887: :1: prefix :2:":3:" found

NAT6888: Prefix :1:":2:" changed

NAT6889: :1: prefix :2:":3:" changed

NAT6890: Word :1:":2:" found

NAT6891: Word :1:":2:" not found

NAT6892: :1: word :2:":3:" found

NAT6893: Word :1:":2:" changed

NAT6894: :1: word :2:":3:" changed

NAT6895: Invalid session number

NAT6896: Session does not exist

NAT6897: Invalid request

NAT6898: Special characters table is missing

NAT6899: Activation of a session failed

NAT6900: Natural Command Processor internal error :1:.

Text	Natural Command Processor internal error ....
Expl.	This is a runtime error.
Actn.	Note the error number ... . Contact Software AG support and quote the error number.

Natural System Error Messages NAT6901-NAT6950

NAT6901: Error in ACTION clause of PROCESS COMMAND statement.

Text	Error in ACTION clause of PROCESS COMMAND statement.
Expl.	One of the following errors has occurred in a PROCESS COMMAND statement: - The keyword "ACTION" is missing. - No action or an invalid action has been specified after the keyword "ACTION". See Natural Reference documentation for PROCESS COMMAND syntax.
Actn.	Correct error in program.

NAT6902: Error in USING clause of PROCESS COMMAND statement.

Text	Error in USING clause of PROCESS COMMAND statement.
Expl.	One of the following errors has occurred in a PROCESS COMMAND statement: - The keyword "USING" is missing. - The USING operand conflicts with the specified action. - One of the values specified in the USING clause does not agree with the field to which it is assigned. - An equal sign "=" is missing between a field and its value.
Actn.	Correct error in program.

NAT6903: Error in GIVING clause of PROCESS COMMAND statement.

Text	Error in GIVING clause of PROCESS COMMAND statement.
Expl.	One of the following errors has occurred in a PROCESS COMMAND statement: - The keyword "GIVING" is missing. - One of the fields specified in the GIVING clause conflicts with the action specified in the ACTION clause. - One of the fields required for the specified action has not been defined (in the DEFINE DATA statement or GIVING clause). - If a DEFINE DATA statement is used, the GIVING clause is not allowed.
Actn.	Correct error in program.

NAT6904:

Text	Reserved for Natural Command Processor.

NAT6905:

Text	Reserved for Natural Command Processor.

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NAT6906:

Text	Reserved for Natural Command Processor.

NAT6907:

Text	Reserved for Natural Command Processor.

NAT6908:

Text	Reserved for Natural Command Processor.

NAT6909:

Text	Reserved for Natural Command Processor.

NAT6910: Processor name is invalid or missing.

Text	Processor name is invalid or missing.
Expl.	In the USING clause of a PROCESS COMMAND statement, you have specified the name of a Command Processor which is invalid or does not exist.
Actn.	Either specify the correct name or specify the name of an existing Command Processor.

NAT6911: Specified object is not a Command Processor.

Text	Specified object is not a Command Processor.
Expl.	In the USING clause of a PROCESS COMMAND statement, you have specified the name of an object which is not a Command Processor.
Actn.	Use a Command Processor name. Check also your ampersand "&" notation.

NAT6912: Processor :1: not found.

Text	Processor ... not found.
Expl.	In the USING clause of a PROCESS COMMAND statement, you have specified the name of a Command Processor which does not exist.
Actn.	Specify an existing Command Processor.

NAT6913: Command line not accepted.

Text	Command not accepted.
Expl.	Possible reasons for this error: - the command line is empty - the command line contains special characters (such as underscores).
Actn.	Correct the command line input.

NAT6914: Invalid use of field :1:.

Text	Invalid use of field ....
Expl.	For valid usage, refer to the Natural Reference documentation, PROCESS COMMAND statement, ACTION GET/SET and in particular the list of possible values for GETSET-FIELD-NAME.
Actn.	Correct values.

NAT6915: Contents of field :1: not accepted.

Text	Contents of field ... not accepted.
Expl.	The format/length of the field does not conform to the definitions as listed for the PROCESS COMMAND statement, action SET, in the Natural Reference documentation.
Actn.	Check format/length of field.

NAT6916:

Text	Reserved for Natural Command Processor.

NAT6917: Invalid field name :1: for action :2:.

Text	Invalid field name ... for action ... .
Expl.	There is a conflict between the GETSET-FIELD-NAME used in the GET and the SET actions, or the value used in the SET action is invalid. In case the GET action refers to the LAST-BUFFER, this error indicates that this buffer is not available.
Actn.	Check program syntax.

NAT6918: Command Data error :1:.

Text	Command Data error ... .
Expl.	This error occurs at runtime when the command line contains data that are in conflict with the Command Processor definition. This might occur, for example, if a delimiter is missing. The data that cannot be interpreted are indicated in the variable ... .
Actn.	Check command line input against the Command Processor definition and correct error.

NAT6919: Natural Command Processor - security error :1:.

Text	Natural Command Processor - security error ... .
Expl.	This error is caused by Natural Security.
Actn.	Contact your Natural Security administrator.

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NAT6920: Processor :1: not allowed.

Text	Command Processor ... not allowed.
Expl.	You are not authorized to use this Command Processor.
Actn.	Contact your Natural Security administrator.

NAT6921: Keyword :1: not allowed.

Text	Keyword ... not allowed.
Expl.	You are not authorized to use this keyword.
Actn.	Contact your Natural Security administrator.

NAT6922: This command is not allowed.

Text	This command is not allowed.
Expl.	You are not authorized to use this command.
Actn.	Contact your Natural Security administrator.

NAT6923: Inconsistent security definition for Command Processor.

Text	Inconsistent security definition for Command Processor.
Expl.	The command processor was cataloged after the functional security was defined. Therefore the processor and the functional security information don"t match.
Actn.	Contact your Natural Security administrator.

NAT6924:

Text	Reserved for Natural Command Processor Security purposes.

NAT6925: Cannot :1: PRIVATE synonyms.

Text	Cannot ... PRIVATE synonyms.
Expl.	Either you do not have authorization for this function; or the Command Processor header definition does not permit this function
Actn.	Contact your Natural Security administrator.

NAT6926: PRIVATE synonym :1: not found.

Text	PRIVATE synonym ... not found.
Expl.	The PRIVATE synonym you have specified cannot be found.
Actn.	For details on PRIVATE synonyms, see the PROCESS COMMAND statement, PRIVATE clause in the Natural Reference documentation.

NAT6927: Keyword :1: not found.

Text	Keyword ... not found.
Expl.	This may be because you have not specified the keyword correctly.
Actn.	Check that you have entered the keyword name correctly, particularly regarding upper and lower case characters, and the length of an abbreviated keyword.

NAT6928: Keyword ... is not used in the correct context.

Text	Keyword ... is not used in the correct context.
Expl.	This is a semantic error. For example, it does not make sense to say: UPDATE DELETE
Actn.	Check and correct the semantics.

NAT6929: Keyword of type :1: missing.

Text	Keyword of type :1: is missing.
Expl.	The command you issued is missing an essential keyword. Without this keyword the command cannot be interpreted.
Actn.	Check to see which keywords of the type mentioned can be used together with the keyword(s) entered. Choose the appropriate one.

NAT6930: Keyword sequence error.

Text	Keyword sequence error.
Expl.	You have entered keywords in a sequence other than that specified in the Command Processor header. For example, you may have specified keywords in the order: ACTION OBJECT where the order OBJECT ACTION is required.
Actn.	Enter keywords in the correct sequence.

NAT6931: This command is not defined.

Text	This command is not defined.
Expl.	You have specified a command that is not defined. For example, you might have entered DELETE CUSTOMER but no such command exists, even though the keywords DELETE and CUSTOMER do exist.
Actn.	Specify a valid command.

NAT6932: Command Data disallowed.

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Text	Command Data disallowed.
Expl.	No data can be entered with this command.
Actn.	Enter the command without data.

NAT6933: Data element with more than :1: characters found.

Text	Data element with more than :1: characters found.
Expl.	The data element entered contains more than the legal number of characters.
Actn.	Check the legal range of input for the data element and correct your input.

NAT6934: Data element with non-numeric character :1: found.

Text	Data element contains non-numeric character :1:.
Expl.	A non-numeric character was entered as part of the data element. A data element can contain only numeric characters.
Actn.	Correct the data element input.

NAT6935:

Text	Reserved for Natural Command Processor.

NAT6936:

Text	Reserved for Natural Command Processor.

NAT6937:

Text	Reserved for Natural Command Processor.

NAT6938:

Text	Reserved for Natural Command Processor.

NAT6939:

Text	Reserved for Natural Command Processor.

NAT6940: Error :1: in buffer for Natural Command Processor.

Text	Error ... in buffer for Natural Command Processor.
Expl.	This is an unexpected error. NCPWORK cannot be accessed.
Actn.	Contact Software AG support.

NAT6941:

Text	Reserved for Natural Command Processor.

NAT6942: Invalid GETMAIN request for Natural Command Processor.

Text	Invalid GETMAIN request for Natural Command Processor.
Expl.	NCPWORK cannot be opened. This may be because the thread is exhausted.
Actn.	Reduce ESIZE/FSIZE. Use the BUS / SYSBUS command to find out how much space you have.

NAT6943: GETMAIN failed for :1: KB for Command Processor buffer.

Text	GETMAIN failed for ... KB for Command Processor buffer.
Expl.	There is not enough space in your Natural thread. The value ... indicates the number of KB you cannot request.
Actn.	Ask your Natural administrator to decrease ESIZE or FSIZE.

NAT6944:

Text	Reserved for Natural Command Processor.

NAT6945: Buffer for Natural Command Processor is not allocated.

Text	Buffer for Natural Command Processor is not allocated.
Expl.	Either: The NCPWORK buffer has been overwritten so the GET / SET action cannot be fulfilled. Or: The Command Processor has been closed.
Actn.	Open the Command Processor using the PROCESS COMMAND statement ACTION EXEC.

NAT6946:

Text	Reserved for Natural Command Processor.

NAT6947:

Text	Reserved for Natural Command Processor.

NAT6948:

Text	Reserved for Natural Command Processor.

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 Natural System Error Messages NAT6901-NAT6950

NAT6949:

Text	Reserved for Natural Command Processor.

Natural System Error Messages NAT6951-NAT7000

NAT6970: Invalid format buffer.

Text	Invalid format buffer. Natural RPC error.

NAT6971: Connection error on :1:, reason :2: :3:.

Text	Connection error on ..., reason ... .
Expl.	Reason 1: No transport layer. 2: Connection timed out. 3: Conversation timed out. 4: No space for working storage of Broker Stub. Increase Natural thread or region size by 35 KB. 5: Data have been cut. Increase MAXBUFF on Server side. 6: Node does not match any pattern. 7: Node not active. 8: Server not active. 9: Error from transport layer, issue RPCERR for details. Followed by Server/Node
Actn.	Proceed depending on above reason.

NAT6972: Directory error on :1:, reason :2: :3:.

Text	Directory error on ..., reason ... .
Expl.	A directory error has occurred. Possible reasons are: - 1 - No directory. - 2 - Invalid directory. - 3 - No space to load directory. Increase the RPC size. - 4 - No server found in service directory for the subprogram/library whose names are indicated in the error message. - 5 - Recursive RPC with the two subprograms whose names are indicated in the error message. - 6 - A Natural error has occurred during loading of NATCLTGS. The error number is indicated in the error message.

NAT6973: Conversation error on :1:, reason :2: :3:.

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Text	Conversation error on :1:, reason :2: :3:.
Expl.	Reason 1: Too many subprograms for OPEN CONVERSATION. 2: Invalid subprogram name. 3: RPC size overflow. Increase RPC size. 4: Mixed local/remote CALLNAT within one conversation (program). It is not possible to execute subprograms which are members of one conversation partially remote and local. Execute them either completely local or completly remote. Otherwise it is not possible to share the context area. 5: Recursive conversation. It is not possible to execute a subprogram which is a member of a conversation while you are executing a subprogram within that conversation. 6: Conversation to close not found. 7: Conversation ID to close is not valid. 99: Internal error.
Actn.	99: Internal error.

NAT6974: Conversion error on :1:, reason :2: :3:.

Text	Conversion error on :1:, reason :2: :3:.
Expl.	Reason 1: Variables of type CONTROL and HANDLE not supported. 2: Conversion error from internal format of :3: rd parameter. 3: Conversion error to internal format of :3: rd parameter. 4: No space for conversion to internal format of :3: rd parameter. Increase MAXBUFF on :1: side. 5: No space for conversion from internal format of :3: rd parameter. Increase MAXBUFF on :1: side. 6: Format buffer error for :3: rd parameter. 7: No space for working storage in RPC size. Increase RPC size on :1: side. 8: No MAXBUFF defined on Client side but stubless RPC is used.

NAT6975: Security error on :1:, reason :2: :3:.

Text	Security error on :1:, reason :2: :3:.
Expl.	Reason 1: Logon required. 2: Natural security error. Security Information.

NAT6976: Context error in program :1:, reason code :2: :3:.

Text	Context error in program :1:, reason code :2: :3:.
Expl.	Reason 1: Context size overflow Getmain failed while increasing the buffer containing the variables of DEFINE DATA CONTEXT. Reason 2: Conflict in type/length definition of variable :3:. The context variable was defined by a previous program with different type/length definition.
Actn.	Reason 1: Decrease number of context variables and/or number of concurrent conversations.

NAT6977: Internal error on :1:, reason :2: :3:.

Text	Internal error on :1:, reason :2: :3:.
Expl.	Reason 1: Unknown connection error. Error Text. 2: Unknown nucleus error.

NAT6978: Version error on :1:, reason :2: :3:.

Text	Version error on :1:, reason :2: :3:.
Expl.	Reason 1: Nucleus version and version of SYSRPC do not agree. Current Version/Must be Version. 2: Server does not support this version.

NAT6979: Premature termination of a remote CALLNAT.

Text	Premature termination of a remote CALLNAT.
Expl.	The remote execution of a CALLNAT was prematurely terminated on the server side and all data of the parameter area were lost. The reason for this may be the usage of one of the following Natural statements: - STOP - FETCH - RUN - TERMINATE Note: These statements will be disabled in a remote executed CALLNAT in the next Natural version.
Actn.	Do not use STOP, FETCH, RUN, TERMINATE in a remote executed CALLNAT.

NAT7000: Invalid value specified for dynamic parameter :1:.

Text	Invalid value specified for dynamic parameter ....
Expl.	You have specified a value for a dynamic parameter incorrectly. For information on valid values for this Natural profile parameter, please refer to the Natural documentation.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

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Natural System Error Messages NAT7001-NAT7050

NAT7001: Value for dynamic parameter :1: must be :2:-:3:.

Text	Value for dynamic parameter ... must be ...-....
Expl.	You have specified a value for a dynamic parameter incorrectly. A valid value for this parameter must be in the range as indicated in the error message.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7002: Value for dynamic parameter :1: must be :2:-:3: or 0.

Text	Value for dynamic parameter ... must be ...-... or 0.
Expl.	You have specified a value for a dynamic parameter incorrectly. A valid value for this parameter must be either "0" or in the range as indicated in the error message.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7003: Value for dynamic parameter :1: must be 1 special character.

Text	Value for dynamic parameter ... must be 1 special character.
Expl.	You have specified a value for a dynamic parameter incorrectly. A valid value for this parameter must be a single special character. For further information on Natural profile parameters, please refer to the Natural documentation.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7004: Value for dynamic parameter :1: must be numeric.

Text	Value for dynamic parameter ... must be numeric.
Expl.	You have specified a value for a dynamic parameter incorrectly. For this parameter, a numeric value must be specified. For further information on Natural profile parameters, please refer to the Natural documentation.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7005: Value for dynamic parameter :1: must be :2: characters.

Text	Value for dynamic parameter ... must be ... characters.
Expl.	You have specified a value for a dynamic parameter incorrectly. A valid value for this parameter must be a name of 1 to n characters. For further information on Natural profile parameters, please refer to the Natural documentation.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7006: Value for dynamic parameter :1: must be 1 character.

Text	Value for dynamic parameter ... must be 1 character.
Expl.	You have specified a value for a dynamic parameter incorrectly. A valid value for this parameter must be a single character. For further information on Natural profile parameters, please refer to the Natural documentation.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7007: Value for dynamic parameter :1: must be :2: or :3:.

Text	Value for dynamic parameter ... must be ... or ....
Expl.	You have specified a value for a dynamic parameter incorrectly. For this parameter, you must specify one of the two value as indicated in the error message.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7008: Parameter :1: non-existent or not allowed dynamically.

Text	Parameter ... non-existent or not allowed dynamically.
Expl.	You have specified an invalid Natural profile parameter dynamically. The reason may be one of the following: - You have misspelt a parameter name. - You have specified a parameter which does not exist (or is obsolete and no longer exists). - You have specified a parameter which must not be used dynamically. For further information on Natural profile parameters, please refer to the Natural documentation.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7009: Element missing in value list for parameter :1:.

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Text	Element missing in value list for parameter ....
Expl.	You have specified the values for a dynamic parameter incorrectly. For this parameter, you must specify a list of several values; however, one or more of the values were missing. For further information on valid values for this Natural profile parameter, please refer to the Natural documentation.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7010: Too many elements in value list for parameter :1:.

Text	Too many elements in value list for parameter ....
Expl.	You have specified the values for a dynamic parameter incorrectly. For this parameter, you must specify a list of several values; however, you have specified too many values. For further information on valid values for this Natural profile parameter, please refer to the Natural documentation.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7011: ")" missing after values list for parameter :1:.

Text	")" missing after values list for parameter ....
Expl.	You have specified the values for a dynamic parameter incorrectly. For this parameter, you must specify a list of values which must be enclosed in parentheses; however, the closing parenthesis at the end of the values list is missing.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7012: Value for parameter :1: must be a list of elements.

Text	Value for parameter ... must be a list of elements.
Expl.	You have specified the values for a dynamic parameter incorrectly. For this parameter, you must specify a list of several values. For further information on valid values for this Natural profile parameter, please refer to the Natural documentation.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7013: The parameter module :1: does not exist.

Text	The parameter module ... does not exist.
Expl.	You have specified the name of a parameter module; however, a parameter module of this name does not exist.
Actn.	Use valid parameter module name; if necessary, contact your Natural administrator.

NAT7014: The parameter module :1: is invalid.

Text	The parameter module ... is invalid.
Expl.	The specified parameter module is invalid for one of the following reasons: - it is not a parameter module at all; - it is not compatible with the current Natural release; - it is restricted to certain users by the NTUSER macro.
Actn.	Ensure that you specified a valid parameter module. If necessary, contact your Natural administrator.

NAT7015: Value for dynamic parameter :1: must be hexadecimal.

Text	Value for dynamic parameter ... must be hexadecimal.
Expl.	You have specified the value for a dynamic parameter incorrectly. A valid value for this parameter must be hexadecimal. For further information on Natural profile parameters, please refer to the Natural documentation.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7016: Parameter :1: may only be specified up to :2: times.

Text	Parameter ... may only be specified up to ... times.
Expl.	You have invoked Natural with a dynamic parameter which may be specified several times. However, you have specified the parameter too often. For further information on Natural profile parameters, please refer to the Natural documentation.
Actn.	Either ignore, or invoke Natural again with correct specification of dynamic parameters.

NAT7017: User ID :1: not authorized to use this parameter string.

Text	User ID ... not authorized to use this parameter string.
Expl.	The parameter string used is restricted to certain user IDs. The initial user ID passed from the environment doesn"t match with one of the user IDs specified by the USER profile parameter in the string.
Actn.	Add your user ID to the USER parameter list in the desired parameter string or use an authorized user ID.

NAT7043: Value for dynamic parameter KEY incorrectly specified.

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Text	Value for dynamic parameter KEY incorrectly specified.
Expl.	Either the specified function-key name was wrong or not defined, or the specified function-key value was wrong. Examples of valid KEY parameter specifications are: KEY=(OFF) - releases all keys defined in parameter module. KEY=(ON) - takes all keys defined in parameter module. KEY=(PF1=OFF) - ignores the PF1 value defined in parameter module. KEY=(PF1=LOGON) - replaces the PF1 value defined in parameter module. KEY=(PF1="LOGON SYSTEM",PF2="L PROGRAM") - replaces PF1 and PF2 values defined in parameter module.
Actn.	Restart Natural with a valid specification of the KEY parameter.

Natural System Error Messages NAT7151-NAT7200

NAT7200: NATSPOOL: :1: error :2: accessing spool file.

Text	NATSPOOL: ... error ... accessing spool file.
Expl.	Adabas/VSAM response code upon call to NATSPOOL file at Natural initialization time was not "0". Possible reasons are: - The FSPOOL parameter is missing in NATPARM. - The NATSPOOL file, as defined in FSPOOL, may not be loaded. - The NATSPOOL file, as defined in FSPOOL, may not be open. - DD/DLBL statements of NATSPOOL (VSAM) files missing in CICS startup job.
Actn.	Check status of NATSPOOL file and/or CICS startup job.

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Natural System Error Messages NAT7201-NAT7250

NAT7201: NATSPOOL: User profile :1: not found.

Text	NATSPOOL: User profile ... not found.
Expl.	The user profile, as defined in the printer parameter, has not been added to the SYSPOOL file.
Actn.	Define the user profile by using function "U" of the NATSPOOL operator commands.

NAT7202: NATSPOOL: Logical printer profile :1: not found.

Text	NATSPOOL: Logical printer profile ... not found.
Expl.	One of the logical printer profiles, contained in the currently active user profile, is not defined on the NATSPOOL file.
Actn.	Define the logical printer profile by using function "L" of the NATSPOOL operator commands.

Natural System Error Messages NAT7351-NAT7400

NAT7386: Invalid :1: level :2: must be at least :3:.

Text	Invalid .1. level .2. must be at least .3..
Expl.	The SM level of the component in .1. must be at least .3..
Actn.	Contact your Natural administrator. Install the correct SM level.

NAT7387: The Natural for DB2 parameter module is not linked.

Text	The Natural for DB2 parameter module is not linked.
Expl.	This may also indicate that you are using an old version of the Natural parameter module (must be at least 2.2.4).
Actn.	Contact your Natural administrator. Link the Natural for DB2 parameter module to your Natural environment.

NAT7388: Natural SQL interface not active. SQL calls not possible.

Text	Natural SQL interface not active. No SQL calls can be processed.
Expl.	This error message is preceded by an initialization error message.
Actn.	Check for previous initialization error.

NAT7389: Natural SQL interface active without file server.

Text	Natural SQL interface active without file server.
Expl.	This error message is preceeded by an initialization error of the file server. The file server is not available for this Natural session but SQL statements will be processed as normal.

NAT7390: :1: not linked / not found.

Text	... not linked / not found.
Expl.	The required module ... is not linked to your Natural environment.
Actn.	Contact your Natural administrator. Check your installation.

NAT7391: DB2SIZE parameter must be set to at least :1:.

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Text	DB2SIZE parameter must be set to at least ....
Expl.	The area specified with the DB2SIZE parameter is too small to accommodate all buffer areas required by Natural DB2 / Natural SQL/DS.
Actn.	Set DB2SIZE to the value as indicated in the error message; then invoke Natural again.

NAT7392: GETMAIN for DB2SIZE failed.

Text	GETMAIN for DB2SIZE failed.
Expl.	During Natural initialization, the GETMAIN for the buffer area specified by the DB2SIZE parameter failed. The probable reason is that not enough free storage is available or that the thread is too small.
Actn.	Reduce Natural"s total area size allocations, or increase the region size.

NAT7393: File server initialization error :1:.

Text	File server initialization error ....
Expl.	The initialization of the file server failed, returning the reason code as indicated in the error message. Possible reason codes and their meanings are: 01 - Global directory full. 04 - Dataset open error. 05 - Dataset read error. 06 - Dataset write error. 07 - ENQUEUE failed. 08 - DEQUEUE failed. 10 - DB2SIZE too small. 11 - System GETMAIN failed. 12 - System FREEMAIN failed. 13 - WAIT request failed. 14 - Not enough space in dataset.
Actn.	14 - Not enough space in dataset. Contact your Natural administrator.

NAT7394: Load of DB2COMRE failed.

Text	Load of DB2COMRE failed.
Expl.	During initialization of the Natural SQL interface under Com-plete, the Com-plete to DB2 interface DB2COMRE could not be loaded. Typically DB2COMRE is not defined as RESIDENTPAGE.
Actn.	Contact your Com-plete administrator.

NAT7395: Natural must be started via NDLSINIB in DSNMTV01.

Text	Natural must be started via NDLSINIB in DSNMTV01.
Expl.	In the DSNMTV01 environment all ET/BT calls are to be processed by NDLSINIB as requested by the parameter DLISYNC=ON in the NDBPARM but Natural has not been started via the NDLSINIB bootstrap module.
Actn.	Start Natural via the NDLSINIB bootstrap module or set the parameter DLISYNC in the NDBPARM to OFF.

NAT7396: User area has been modified.

Text	User area has been modified.
Expl.	Natural checks the contents of the user area at regular intervals. When this area has been overwritten, Natural cannot guarantee correct continuation of the Natural session.
Actn.	Restart Natural.

NAT7397: System file has been modified.

Text	System file has been modified.
Expl.	Natural checks the integrity of the Natural system file. If Natural detects a discrepancy, this error message is issued. The DBA should try to find out who or why data have been modified in the system file without proper authorization.
Actn.	Re-INPL the Natural system file.

NAT7398: Natural nucleus SM level does not agree with system file.

Text	Natural nucleus SM level does not agree with system file.
Expl.	During startup, Natural checks whether the system file level agrees with the SM level of the Natural nucleus. If these levels do not agree, it is highly likely that some system program will not work.
Actn.	Restart Natural with the correct system file.

NAT7399: Problem with Natural system file.

Text	Problem with Natural system file.
Expl.	Natural Version 2 tried to access the Natural system file and found that it is probably a Version 1.2 system file.
Actn.	Restart Natural with correct system file.

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Natural System Error Messages NAT7401-NAT7450

NAT7402: No dynamic parameters allowed.

Text	No dynamic parameters allowed.
Expl.	The Natural admininstrator has specified in the default parameter settings for all Natural sessions that parameters cannot be specified dynamically. All dynamic parameters are ignored.
Actn.	Start Natural without parameters.

NAT7403: Specified profile :1: not found. DB/FNR :2:/:3:.

Text	Specified profile ... not found. DB/FNR .../....
Expl.	Natural should start with a given parameter profile, but it could not be found in the specified system file.
Actn.	Check the profile definition and the system file using the SYSPARM utility.

NAT7404: Automatic time adjustment (TD=AUTO) failed.

Text	Automatic time adjustment (TD=AUTO) failed.
Expl.	When the parameter TD=AUTO is set, Natural uses the difference between physical machine time and logical machine time to set the value for the TD (time differential) parameter. While trying to do this, however, an inconsistency between the times to be evaluated has been detected. The time differential has been set to TD=0.
Actn.	Contact Software AG support.

NAT7405: Product of LS and PS parameters must not exceed 32760.

Text	Product of LS and PS parameters must not exceed 32760.
Expl.	The product of the values for the parameter LS and PS must not exceed 32760.
Actn.	Specify smaller value for LS and/or PS parameter.

NAT7406: Error when reading profile :1:. DB/FNR/RSP :2:/:3:/:4:.

Text	Error when reading profile .... DB/FNR/RSP .../.../....
Expl.	Natural should start with a given parameter profile, but a database error occurred when reading it.
Actn.	Check the database response code, the profile definition and the system file using the SYSPARM utility.

Natural System Error Messages NAT7501-NAT7550

NAT7508: Compression table full.

Text	Compression table full.
Actn.	Increase value of CMPRTSZ parameter in Natural parameter module.

NAT7509: GETMAIN failed for Entire.

Text	GETMAIN failed for Entire.
Expl.	The subsystem using the corresponding buffer will not be able to run.
Actn.	Restart Natural in a larger environment.

NAT7510: GETMAIN failed for CON-NECT.

Text	GETMAIN failed for CON-NECT.
Expl.	The subsystem using the corresponding buffer will not be able to run.
Actn.	Restart Natural in a larger environment.

NAT7511: GETMAIN failed for TRS.

Text	GETMAIN failed for TRS.
Expl.	The subsystem using the corresponding buffer will not be able to run.
Actn.	Restart Natural in a larger environment.

NAT7512: GETMAIN failed for VSAM.

Text	GETMAIN failed for VSAM.
Expl.	The subsystem using the corresponding buffer will not be able to run.
Actn.	Restart Natural in a larger environment.

NAT7513: GETMAIN failed for EDITOR.

Text	GETMAIN failed for EDITOR.
Expl.	The subsystem using the corresponding buffer will not be able to run.
Actn.	Restart Natural in a larger environment.

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NAT7514: GETMAIN failed for PROCESS (ASIZE).

Text	GETMAIN failed for PROCESS (ASIZE).
Expl.	The subsystem using the corresponding buffer will not be able to run.
Actn.	Restart Natural in a larger environment: Increase your region size or increase the size of your Natural thread when running in a thread environment.

NAT7515: GETMAIN failed for DEBUG.

Text	GETMAIN failed for DEBUG.
Expl.	The subsystem using the corresponding buffer will not be able to run.
Actn.	Restart Natural in a larger environment.

NAT7516: GETMAIN failed for PC-CONNECTION.

Text	GETMAIN failed for PC-CONNECTION.
Expl.	The subsystem using the corresponding buffer will not be able to run.
Actn.	Restart Natural in a larger environment.

NAT7540: GETMAIN failed for DB2.

Text	GETMAIN failed for DB2.

NAT7543: GETMAIN failed for USERBUF buffer.

Text	GETMAIN failed for USERBUF buffer.

NAT7544: GETMAIN request failed for :1:.

Text	GETMAIN request failed for :1:.
Expl.	The requested buffer size exceeded the available space in the current thread/partition/region/task.
Actn.	Either decrease the size of the buffer, or start Natural in a larger thread/partition/region/task.

NAT7545: GETMAIN of :1: for :2: buffer failed (:3:/:4:).

Text	GETMAIN of ... for ... buffer failed (Reason/Response).
Expl.	The requested buffer size exceeded the available space in the current thread/partition/region/task. For details see reason code and response code from operating system.
Actn.	Either decrease the size of the buffer, or start Natural in a larger thread/partition/region/task.

 Natural System Error Messages NAT7501-NAT7550

NAT7547: GETMAIN failed for :1: buffer - :2: unavailable.

Text	GETMAIN failed for ... buffer - :2: unavailable.
Expl.	The aquisition of an optional buffer has failed. The component using this buffer will be not available.
Actn.	Increase the thread/region size or decrease other buffer sizes to get more storage available. Then restart the Natural session.

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 Natural System Error Messages NAT7551-NAT7600

Natural System Error Messages NAT7551-NAT7600

NAT7600: :1: locked by :2:.

Text	... locked by ....
Expl.	The object to be locked is already locked, for example, because another user is editing the object.
Actn.	Wait until the object is available again. If the lock is erroneous (e.g. after a system failure), use the Natural system command UNLOCK to unlock the object.

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 Natural System Error Messages NAT7601-NAT7650

Natural System Error Messages NAT7601-NAT7650

NAT7601: Error in Application Manager. Press Help button.

Text	Error in Application Manager. Press Help button.
Expl.	An error has occurred in the Application Manager.
Actn.	Press the Help button for further information.

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Natural System Error Messages NAT7651-NAT7700

NAT7660: Connect to server :1: port no. :2: failed; socket code :3:

Text	Connect to server ... port no. ... failed; socket code ...
Expl.	A connection to the development server failed due to one of the following reasons: - a wrong development server name was specified; - the specified port ID does not match the port where the development server is listening; - the development server is not active; - the server machine hosting the development server is not active.
Actn.	Check that the specified name matches the development server name, the development server is active, its port matches the specified port, and the server machine is accessible (e.g. via "ping" command).

NAT7661: Protocol mismatch of Server Nat :1: (:2:) and Nat Studio (:3:)

Text	Protocol mismatch of Server Nat ... (...) and Nat Studio (...)
Expl.	The protocol versions of the Natural Development Server and the Natural Studio do not match. Although the Natural Studio can run with servers using an older or newer version of the protocol, some functionality might not or only partly be supported.
Actn.	Upgrade the Natural Development Server or the Natural Studio.

NAT7662: Development server file for application :1: not unique.

Text	Development server file for application ... not unique.
Expl.	The specified development server file differs from the active development server file. All mapped applications have to use one common development server file.
Actn.	Change the development server file for the current application.

NAT7663: Connection to NDV server lost or network failure.

Text	Connection to NDV server lost or network failure.
Expl.	The remote Natural session or the Natural Development Server (NDV) has terminated abnormally, or a network failure has occurred. - Examine the NDV trace output for information on the connection termination. If NDV trace contains no such information, contact your network administrator. Try to remap the session to the server. - If the problem persists, check in the NDV server trace whether your buffer has arrived: - If data have arrived, check for error information in subsequent trace records. - If no data have arrived, contact your network administrator.
Actn.	See explanation above.

NAT7699: :1: locked by :2:.

Text	... locked by ....
Expl.	The object to be locked is already locked, for example, because another user is editing the object.
Actn.	Wait until the object is available again. If the lock is erroneous (e.g. after a system failure), use the Natural system command UNLOCK if you wish to unlock the object.

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Natural System Error Messages NAT7701-NAT7750

NAT7720: Command not applicable in remote environment.

Text	Command not applicable in remote environment.
Expl.	The issued command cannot be executed in a remote (server) environment.
Actn.	Use the appropriate Natural Studio command or tool. In case of a file-operation command, use an equivalent "Object Menu" operation or "right mouse button" operation to achieve the desired result.

NAT7721: Command not applicable within the application context.

Text	Command not applicable within the application context.
Expl.	The issued command cannot be executed within the context of an application.
Actn.	Use the appropriate command in the library workspace, or use the right mouse button "Unlink" command, if you wish to unlink an object from the application.

NAT7722: Command not applicable in local environment.

Text	Command not applicable in local environment.
Expl.	The issued command cannot be executed in a local (client) environment.
Actn.	Use the appropriate Natural Studio command or tool. In case of a file-operation command, use an equivalent "Object Menu" operation or "right mouse button" operation to achieve the desired result.

NAT7723: Message from server: :1:.

Text	Message from server: ....
Expl.	The server has sent a message to indicate a special situation. E.g., if, when deleting/renaming a library, one or more objects could not be deleted or renamed (primarily caused by locked objects), the server reports this to the client.

NAT7724: Error during session reconnect.

Text	Error during session reconnect.
Expl.	The Natural Development Server cannot reconnect your session for remote development. Possible reasons are: - corrupted session directory of Natural Development Server, - server address space exceeds specified limit of subtasks, - region size (memory below 16 MB) too small, - Natural Studio requests a reconnect with an invalid session identifier.
Actn.	Examine Natural Development Server trace file for additional error information.

NAT7725: Cannot create new session directory entry or subtask.

Text	Cannot create new session directory entry or subtask.
Expl.	The Natural Development Server cannot create a new entry in its session directory or cannot create a new subtask to process remote development. Possible reasons are: - server address space exceeds specified limit of subtasks, - region size (memory below 16 MB) too small.
Actn.	Examine Natural Development Server trace file for additional error information.

NAT7726: Cannot initialize new session.

Text	Cannot initialize new session.
Expl.	The Natural Development Server cannot perform the basic initialization of a new subtask. Possible reason is shortage of memory above 16 MB.
Actn.	Examine Natural Development Server trace file for additional error information.

NAT7727: Session execution failed.

Text	Session execution failed.
Expl.	The Natural Development Server cannot locate the Natural session in its session directory. Possible reasons are: - the session was cancelled using the server monitor, - the session directory is corrupted, - the Natural Studio requests a reconnect with an invalid session identifier.
Actn.	Examine Natural Development Server trace file for additional error information.

NAT7728: I/O execution not allowed.

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Text	I/O execution not allowed.
Expl.	The remote Natural session executes an I/O although I/O execution is not permitted. I/O execution is not permitted during session initialization and Natural Security logon processing.
Actn.	Locate the I/O buffer in the Natural Development Server trace file and contact Software AG support.

NAT7729: Nat. Development Server error - reserved for future use.

Text	Nat. Development Server error - reserved for future use.

NAT7730: Error during I/O execution.

Text	Error during I/O execution.
Expl.	The Natural Studio returns invalid data for the terminal I/O, or there is not enough memory available above 16 MB.
Actn.	Examine the Natural Development Server trace file for additional error information and contact Software AG support.

NAT7731: Protocol element missing.

Text	Protocol element missing.
Expl.	For the processing of Natural Development Server (NDV) request, the NDV requires protocol data; these were not sent by the Natural Studio.
Actn.	Examine the Natural Development Server trace file for additional error information and contact Software AG support.

NAT7732: NDV not installed on Natural system file.

Text	NDV not installed on Natural system file.
Expl.	The Natural Development Server (NDV) cannot locate the NDV transaction-processor modules on the FNAT system file. The Natural Development Server installation is incomplete.
Actn.	Check whether the Natural Development Server INPL has been executed on the specified FNAT system file.

NAT7733: Library undefined, LOGON required.

Text	Library undefined, LOGON required.
Expl.	The logon library of the Natural Development Server session is undefined. This usually happens if the system command LOGOFF is executed, of if a Natural program executes a RETURN statement and no SETUP record is found.
Actn.	Enter a LOGON command to a valid library of your remote environment or click any library within your remote tree view to continue.

Natural System Error Messages NAT7951-NAT8000

NAT7997: PRNTWORK buffer overflow.

Text	PRNTWORK buffer overflow.
Expl.	Natural tried to allocate storage in the PRNTWORK buffer for a new work file area which was requested by a DEFINE PRINTER statement, but there was not enough storage available.
Actn.	Contact Natural support.

NAT7998: Initialization of access method :1: failed.

Text	Initialization of access method :1: failed.
Expl.	The initialization of a print/work file access method has failed. This access method cannot be used during the current session. Any print or work files defined for this access method cannot be used.
Actn.	Check for the access method error message previously displayed. It should give more detailed information. Correct the problem and restart the session.

NAT7999: GETMAIN failed for print / work file buffer.

Text	GETMAIN failed for print / work file buffer.
Expl.	Natural tried to allocate storage for print/work files which were requested either via JCL or via entries in the parameter module. However, there was not enough space available for these files in the Natural partition/region/thread.
Actn.	Enlarge size of partition/region/thread, or delete requests for print/work files. If the problem remains, contact your Natural administrator for review of printer/work file parameters.

NAT8000: ADABAS response code to initial call from NATURAL.

Text	ADABAS response code to initial call from NATURAL.
Expl.	An ADABAS response code was received upon the initial call from NATURAL to ADABAS. The error is displayed as "NAT8nnn", "nnn" being the response code.
Actn.	Make sure that the ADABAS system has been started.

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Natural System Error Messages NAT8151-NAT8200

NAT8200: Invalid program switch to a NATURAL transaction.

Text	Invalid program switch to a NATURAL transaction.
Expl.	You want to switch to a non-NATURAL transaction, but you have specified a NATURAL transaction code. Module(s): NIIDEFTX, NIIDIRTX
Actn.	Check the transaction codes used. OR Use the appropriate switching module.

Natural System Error Messages NAT8201-NAT8250

NAT8201: Invalid program switch to a conversational transaction.

Text	Invalid program switch to a conversational transaction.
Expl.	A direct switch to a conversational transaction from a non-conversational one is not allowed. Module(s): NIIDIRTX
Actn.	Check the transaction codes used. OR Use the appropriate switching module.

NAT8210: No free work PCBs.

Text	No free work PCBs.
Expl.	You cannot create a report because there is no free work PCB. Note: A work PCB is allocated to each open report. Module(s): NATAM06
Actn.	Increase the number of work PCBs in the transaction code table (WRKPCBS parameter in the NIMTRNTG macro). OR Decrease the number of parallel reports.

NAT8211: Destination :1: for printing the report is not defined.

Text	Destination :1: for printing the report is not defined.
Expl.	The destination specified in the NTPRINT macro or in the OUTPUT parameter of the DEFINE PRINTER statement is not a valid IMS/TM destination. Module(s): NATAM06
Actn.	Check your destination. OR Contact your system programmer.

NAT8212: Line length larger than block size.

Text	Line length larger than block size.
Expl.	The current print line is larger than the block size for the printer destination used. Module(s): NATAM06
Actn.	Increase the block size (BLKSIZE parameter in the NTPRINT macro). OR Decrease the line size for the report.

NAT8250: Not enough space for the command in the command buffer.

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 Natural System Error Messages NAT8201-NAT8250

Text	Not enough space for the command in the command buffer.
Expl.	The length of the command passed is larger than the size of the command buffer. Note: The command buffer is used as I/O area when CMCMMND sends the command to IMS/TM. Module(s): CMCMMND
Actn.	Check the length of the command passed to CMCMMND OR Increase the size of the command buffer in the environment table (CMBSIZE parameter in the NIMPARM macro).

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Natural System Error Messages NAT8251-NAT8300

NAT8251: The GCMD call failed with status code :1:.

Text	The GCMD call failed with status code :1:.
Expl.	The failed GCMD call was used to retrieve the response segments for the command passed to IMS/TM. Module(s): CMCMMND
Actn.	Contact your system programmer.

NAT8252: Module not allowed in non-conversational NATURAL sessions.

Text	Module not allowed in non-conversational NATURAL sessions.
Expl.	If you switch to a non-conversational non-NATURAL transaction, a message is required. Module(s): CMDIRNMZ
Actn.	Check your environment. OR Use the appropriate switching program.

NAT8253: A program switch has been requested without a message.

Text	A program switch has been requested without a message.
Expl.	If you switch to a non-conversational transaction, you must specify a message. Module(s): NIIDIRTX
Actn.	Check the transaction code used. OR Use the appropriate switching module.

NAT8254: Invalid program switch while suspending the NATURAL session.

Text	Invalid program switch while suspending the NATURAL session.
Expl.	You may not switch between a conversational NATURAL session and a non-conversational transaction code using the Suspend function. Module(s): NIIDEFTX, NIIDIRTX
Actn.	Check the transaction codes used. OR Do not use the Suspend function.

NAT8255: Message passed too large for input message buffer.

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Text	Message passed too large for input message buffer.
Expl.	The length of the message passed is larger than the size of the input message buffer. Note: The input message buffer is used as I/O area when the below mentioned modules send the message to IMS/TM. Module(s): NIIDEFTX, NIIDIRTX
Actn.	Check the length of the message passed to NIIDEFTX/NIIDIRTX. OR Increase the size of the input message buffer in the environment table (MISIZE parameter in the NIMPARM macro).

NAT8256: Invalid program switch to a non-NATURAL transaction.

Text	Invalid program switch to a non-NATURAL transaction.
Expl.	You want to switch to a NATURAL transaction, but you have specified a non-NATURAL transaction code. Module(s): NIIDEFT, NIIDIRT
Actn.	Check the transaction code used. OR Use the appropriate switching module.

NAT8257: You tried to retrieve data outside the SPA.

Text	You tried to retrieve data outside the SPA.
Expl.	The area beginning at the specified offset in the specified length must reside entirely inside the SPA. Module(s): NIIGSPA
Actn.	Correct the offset and/or length used in your program.

NAT8258: You tried to update data outside the SPA.

Text	You tried to update data outside the SPA.
Expl.	The area beginning at the specified offset in the specified length must reside entirely inside the SPA. Module(s): NIIPSPA
Actn.	Correct the length and/or offset used in your program.

NAT8259: Logical PCB name not defined in transaction code table.

Text	Logical PCB name not defined in transaction code table.
Expl.	Each logical PCB name used must be defined in the transaction code table. Module(s): NIIPCBAD
Actn.	Check the transaction code table. OR Correct the PCB name used in your program.

NAT8260: Not enough space for the command in the command buffer.

Text	Not enough space for the command in the command buffer.
Expl.	The length of the command passed is larger than the size of the command buffer. Note: The command buffer is used as I/O area when NIICMD sends the command to IMS/TM. Module(s): NIICMD
Actn.	Check the length of the command passed to NIICMD. OR Increase the size of the command buffer in the environment table (CMBSIZE parameter in the NIMPARM macro).

NAT8261: The CMD call failed with status :1:.

Text	The CMD call failed with status :1:.
Expl.	The failed CMD call was used to send the command to IMS/TM. Module(s): NIICMD
Actn.	Contact your system programmer.

NAT8262: The reply length may not be zero.

Text	The reply length may not be zero.
Expl.	A non-zero reply length is required to retrieve response segments for a command passed to IMS/TM. Module(s): NIIGCMD
Actn.	Correct the length used in your program.

NAT8263: The GCMD call failed with status code :1:.

Text	The GCMD call failed with status code :1:.
Expl.	The failed GCMD call was used to retrieve the response segments for the command passed to IMS/TM. Module(s): NIIGCMD
Actn.	Contact your system programmer.

NAT8264: The CHNG call failed with status code :1:.

Text	The CHNG call failed with status code :1:.
Expl.	The failed CHNG call was used to set the destination of the first alternate TP PCB to the value passed. Note: The first alternate TP PCB must be modifiable. Module(s): CMQUEUE, CMQUEUEX, NIIDQUMS, NIIISRTF
Actn.	Contact your system programmer.

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NAT8265: The ISRT call failed with status code :1:.

Text	The ISRT call failed with status code :1:.
Expl.	The failed ISRT call was used to send the message segment to the destination set in the first alternate TP PCB. Module(s): CMQUEUE, CMQUEUEX, NIIDQUMS. NIIISRTF, NIIISRTM
Actn.	Contact your system programmer.

NAT8266: The PURG call failed with status code :1:.

Text	The PURG call failed with status code :1:.
Expl.	The failed PURG call was used to implicitely terminate the current message sent to the destination set in the first alternate TP PCB. Module(s): CMQUEUE, CMQUEUEX
Actn.	Contact your system programmer.

NAT8267: The GU call failed with status code :1:.

Text	The GU call failed with status code :1:.
Expl.	The failed GU was used to retrieve the first message segment from the IMS/TM message queue. Module(s): CMGETMSG, NIIGMSG
Actn.	Contact your system programmer.

NAT8268: Message received too large for message area provided.

Text	Message received too large for message area provided.
Expl.	The length of the message retrieved from the IMS/TM message queue is larger than the length of the message area provided by your program. Module(s): CMGETMSG, NIIGMSG
Actn.	Increase the length of the message area used in your program.

NAT8269: Message passed too large for input message buffer.

Text	Message passed too large for input message buffer.
Expl.	The length of the message passed is larger than the size of the input message buffer. Note: The input message buffer is used as I/O area when the below mentioned modules send the message to IMS/TM. Module(s): NIIISRTF, NIIISRTM
Actn.	Check length of message passed to NIIISRTF/NIIISRTM. OR Increase the size of the inout message buffer in the environment table (MISIZE parameter in NIMPARM macro).

NAT8270: The CHNG call failed with status code :1:.

Text	The CHNG call failed with status code :1:.
Expl.	The failed CHNG call was used to set the destination of the first alternate TP PCB to the value passed. Note: The first alternate TP PCB must be modifiable. Module(s): CMBRCAST, NIIBRCST
Actn.	Contact your system programmer.

NAT8271: Message larger than output message buffer.

Text	Message larger than output message buffer.
Expl.	The length of the message passed is larger than the size of the output message buffer. Note: The output message buffer is used as I/O area when the below mentioned modules send the message to IMS/TM. Module(s): CMBRCAST, CMPUTMSG, CMQUEUE, CMQUEUEX, NIIDQUMS NIIBRCST, NIIPMSG
Actn.	NIIBRCST, NIIPMSG Check length of message passed to above-mentioned modules. OR Increase size of output message buffer in the environment table (MOSIZE parameter in NIMPARM macro).

NAT8272: The ISRT call failed with status code :1:.

Text	The ISRT call failed with status code :1:.
Expl.	The failed ISRT call was used to send the message segment to the destination set in the first alternate TP PCB resp. to the destination set in the IOPCB. Module(s): CMBRCAST, CMPUTMSG, NIIBRCST, NIIPMSG
Actn.	Contact your system programmer.

NAT8273: The PURG call failed with status code :1:.

Text	The PURG call failed with status code :1:.
Expl.	The failed PURG call was used to implicitely terminate the current message sent to the destination set in the first alternate TP PCB. Module(s): CMBRCAST, NIIBRCST
Actn.	Contact you system programmer.

NAT8274: You tried to overwrite the header of the SPA.

Text	You tried to overwrite the header of the SPA.
Expl.	The specified area must begin behind the SPA header. Module(s): NIIPSPA
Actn.	Correct the offset used in your program.

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NAT8275: Message segment received too large for input message buffer.

Text	Message segment received too large for input message buffer.
Expl.	The length of the message segment retrieved from the IMS/TM message queue is larger than the size of the input message buffer. Note: The input message buffer is used as I/O area when NIIGSEG retrieves the message from IMS/TM. Module(s): NIIGSEG
Actn.	Check whether the length of the received segment is as expected. AND/OR Increase the size of the input message buffer.

NAT8276: The GN call failed with status code :1:.

Text	The GN call failed with status code :1:.
Expl.	The failed GN call was used to retrieve the next message segment from the IMS/TM message queue. Module(s): CMGETSEG, CMSEGO, NIIGSEG
Actn.	Contact your system programmer.

NAT8277: Message segment received too large for message area.

Text	Message segment received too large for message area.
Expl.	The length of the message segment retrieved from the IMS/TM message queue is larger than length of the message area provided by your program. Module(s): CMGETSEG, CMGSEGO, NIIGSEG
Actn.	Increase the message area size used in your program.

NAT8278: The PURG call failed with status code :1:.

Text	The PURG call failed with status code :1:.
Expl.	The failed PURG call was used to explicitely terminate the current message sent to the destination set in the first alternate TP PCB. Module(s): NIIPURG
Actn.	Contact your system programmer.

NAT8279: Area specified (whole or part) not in input message buffer.

Text	Area specified (whole or part) not in input message buffer.
Expl.	The area beginning at the specified offset in the specified length must reside entirely inside the input message buffer. Module(s): NIIRETRM
Actn.	Correct offset and/or length used in your program.

NAT8280: Service module may not be called in online environment.

Text	Service module may not be called in online environment.
Expl.	In a terminal-oriented environment only the NATURAL INPUT statement may retrieve messages from IMS/TM. Module(s): CMGETMSG, CMGETSEG, CMSEGO
Actn.	Correct the program.

NAT8281: Service module may not be called in online environment.

Text	Service module may not be called in online environment.
Expl.	In a terminal-orineted environment only NATURAL INPUT and/or WRITE statements may send messages to IMS/TM using the IOPCB. Module(s): CMPUTMSG
Actn.	Correct the program.

NAT8290: You tried to overwrite the NATURAL-reserved SPA area.

Text	You tried to overwrite the NATURAL-reserved SPA area.
Expl.	The area beginning at the specified offset in the specified length must reside entirely outside the the NATURAL-reserved SPA area. Module(s): CMPUTSPA, NIIPSPA
Actn.	Correct the offset and/or length used in your program.

NAT8300: Wrong protocol type, or protocol not supported.

Text	Wrong protocol type, or protocol not supported.
Expl.	Request Document needs the type of the used document as first part of the requested URL at operand 1. Either no protocol type or a protocol type that is not supported was specified with operand1.
Actn.	Change the protocol type to a valid type, e.g. "http://", and run the program again.

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Natural System Error Messages NAT8301-NAT8350

NAT8301: Wrong URL syntax.

Text	Wrong URL syntax.
Expl.	REQUEST DOCUMENT needs the correct syntax of the requested URL at operand1. The syntax of the specified URL was not correct. No protocol type or an unsupported protocol type was specified with operand1.
Actn.	Correct the URL of operand1 and run the program again.

NAT8302: Request method :1: not supported.

Text	Request method :1: not supported.
Expl.	REQUEST DOCUMENT has been advised by a user-defined header "REQUEST_METHOD" to use a different request method. The REQUEST DOCUMENT statement does not support the specified request method.
Actn.	Delete the header value, or change the header "REQUEST_METHOD" to a valid value.

NAT8303: Internal error with REQUEST DOCUMENT statement.

Text	Internal error with REQUEST DOCUMENT statement.
Expl.	An internal error has occurred while executing a REQUEST DOCUMENT and writing back error messages.
Actn.	Contact Software AG support.

NAT8304: HTTP request failed. Reason :1:.

Text	HTTP request failed. Reason :1:.
Expl.	The REQUEST DOCUMENT statement has received an error from the transport layer.
Actn.	Contact Software AG support.

NAT8305: Header :1: is longer than the receiving variable.

Text	Header :1: is longer than the receiving variable.
Expl.	The REQUEST DOCUMENT statement has returned a header value which is longer than the receiving variable.
Actn.	Use a GIVING clause to ignore this error, increase the length of the receiving variable, or use a dynamic variable.

NAT8306: Return value is longer than the receiving variable.

Text	Return value is longer than the receiving variable.
Expl.	The REQUEST DOCUMENT statement has returned a value which is longer than the receiving variable.
Actn.	Use a GIVING clause to ignore this error, increase the length of the receiving variable, or use a dynamic variable.

NAT8307:

Text	*** Reserved for REQUEST DOCUMENT ***

NAT8308:

Text	*** Reserved for REQUEST DOCUMENT ***

NAT8310: Required parts of Internet Explorer missing.

Text	Required parts of Internet Explorer missing.
Expl.	Request Document relies on technology delivered with Internet Explorer 4 or above. Request Document failed because required parts of the Internet Explorer were missing. wininet.dll is particulary important.
Actn.	Install at least a minimal installation package for Internet Explorer 4 or above.

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Natural System Error Messages NAT8951-NAT9000

NAT9000: Printer :1: invalid or missing.

Text	Printer ... invalid or missing.
Expl.	An output error occurred on one of the printers allocated for report output.
Actn.	Contact your NATURAL administrator.

 Natural System Error Messages NAT9051-NAT9100

Natural System Error Messages NAT9051-NAT9100

NAT9100: Printer :1: not available.

Text	Printer ... not available.
Expl.	A printout was requested for a printer number which is not defined for the NATURAL session. Printers may be defined as follows: - in batch, with appropriate job control statements; - online, with dynamic NATURAL parameters.
Actn.	Make sure that the definitions of printers agree with printer references in programs.

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 Natural System Error Messages NAT9101-NAT9150

Natural System Error Messages NAT9101-NAT9150

NAT9101: Overflow in printer output file.

Text	Overflow in printer output file.
Expl.	There has been an overflow of the printer output file. The last two digits are the printer number of the printer file which has overflowed.
Actn.	Increase the size of the printer output file.

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 Natural System Error Messages NAT9151-NAT9200

Natural System Error Messages NAT9151-NAT9200

NAT9200: File space exhausted.

Text	File space exhausted.
Expl.	This error message is displayed in the format "92nn", where "nn" is the number of the file for which space is exhausted.
Actn.	Contact your NATURAL administrator.

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Natural System Error Messages NAT9851-NAT9900

NAT9898: Unexpected end of file or extended errors in CMOBJIN.

Text	Unexpected end of file or extended errors in CMOBJIN.
Expl.	The CMOBJIN data input file had reached the end-of-file condition at a time when more data were requested for reading.
Actn.	Terminate program execution via STOP in a controlled way, or omit OBJIN statement.

NAT9899: Unexpected end of file in CMSYNIN.

Text	Unexpected end of file in CMSYNIN.
Expl.	The CMSYNIN input file has reached the end-of-file condition when more data or source input were requested to be read. When reading data from the CMSYNIN file, the reading of data must be terminated under program control. The program must be terminated with an END statement, or the Natural execution must be terminated with a FIN command.
Actn.	Check program and correct error.

Natural System Error Messages NAT9901-NAT9950

NAT9901: Natural/TSO runtime environment is not TSO.

Text	Natural/TSO runtime environment is not TSO.
Expl.	Natural/TSO has been started in a non-TSO environment.
Actn.	Natural/TSO can run in a TSO environment only. Link the appropriate frontend interface for this environment to your nucleus.

NAT9902: Dataset CMPRINT cannot be opened.

Text	Dataset CMPRINT cannot be opened.
Expl.	In batch mode the dataset CMPRINT cannot be opened. Either it is not or incorrectly defined in JCL or it cannot be opened due to other reasons.
Actn.	Supply the correct dataset definition for CMPRINT in JCL. Check for operating system error messages in the job log.

NAT9903: NATSTUB not linked to Natural nucleus.

Text	NATSTUB not linked to Natural nucleus.
Expl.	Either module NATSTUB is not linked to the Natural nucleus or, if a shared nucleus is used, NATSTUB is no defined as its entry point.
Actn.	Link the module NATSTUB to the Natural nucleus. If a shared nucleus is used, specify CMSTUB as its entry point in the link job.

NAT9904: Invalid Natural nucleus :1:.

Text	Invalid Natural nucleus ....
Expl.	The version of the Natural nucleus module :1: does not correspond with the front-end interface; for example, a Version 4.1 front-end has loaded a shared nucleus of Version 3.1.
Actn.	Link the correct Natural nucleus, or specify a correct shared nucleus name using the parameter NUCNAME.

NAT9905: Terminal I/O error :1:: RC=:2:.

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Text	Terminal I/O error :1:: RC=:2:.
Expl.	A terminal I/O error has occurred. The I/O response code RC=:2: indicates the reason for the failure of request :1:. Under TSO, the response code comes from the failing TSO I/O request macro TPUT or TGET.
Actn.	Check the meaning of the response code in the TSO programming manual. Contact Software AG technical support for further problem analysis.

NAT9906: Natural server cannot run as LE/370 MAIN.

Text	Natural server cannot run as LE/370 MAIN.
Expl.	Natural received control from a frontend server stub but the LE/370 environment was not initialized by the caller. Natural as a server cannot run as a LE/370 main routine.
Actn.	Either generate NATOS with option LE370=NO or generate the frontend server stub with LE/370 support if possible.

NAT9907: Unsupported operating system version.

Text	Unsupported operating system version.
Expl.	The actual operating system version is not supported by this Natural version.
Actn.	See Natural documentation for supported operating systems and versions.

NAT9910: Session communication area missing or invalid.

Text	Session communication area missing or invalid.
Expl.	The Natural server session communication area is missing or invalid. The session communication area is internally used by the Natural server and must be supplied by the frontend server stub.
Actn.	Contact SAG technical support for further problem analysis.

NAT9911: Invalid storage thread size specified.

Text	Invalid storage thread size specified.
Expl.	Running Natural as a server requires the acquisition of main storage threads of a fixed size. The thread size defined by the frontend server stub is invalid. It must be in the range from 256 kilobytes to 16 megabytes.
Actn.	Specify a correct thread size in the frontend server stub definitions.

NAT9912: Number of threads invalid or too high.

Text	Number of threads invalid or too high.
Expl.	Running Natural as a server requires the acquisition of main storage threads. The number of threads defined by the frontend server stub is invalid or too high. It must be in the range from 0 to 8191 and the total thread storage must be less than 2 gigabyte.
Actn.	Reduce the number of threads or the thread size in the frontend server stub definitions.

NAT9913: Server environment already initialized.

Text	Server environment already initialized.
Expl.	The front-end server stub requested Natural to initialize the server environment, but the server environment is already initialized.
Actn.	Terminate the server environment before restarting it. Contact Software AG technical support for further problem analysis.

NAT9914: GETMAIN for common server table failed.

Text	GETMAIN for common server table failed.
Expl.	The Natural server environment cannot be initialized because the GETMAIN for its central control block has failed. Sufficient region storage must be available.
Actn.	Increase the region size for the Natural server. If the problem cannot be solved, contact SAG technical support for further problem analysis.

NAT9915: GETMAIN for thread storage failed.

Text	GETMAIN for thread storage failed.
Expl.	The Natural server environment cannot be initialized because a GETMAIN for its storage threads has failed. Sufficient region storage must be available.
Actn.	Increase the region size for the Natural server or reduce the number or the size of its storage threads in the frontend stub definitions.

NAT9916: Error retrieving server name token. RC=:1:.

Text	Error retrieving server name token. RC=:1:.
Expl.	The central anchor for the Natural server is an MVS name token. The retrieve request for the name token has failed with the decimal return code shown in the message. The explanation of the return code can be found in the IBM OS/390 Authorized Assembler Services Reference under the IEANTRT macro call desription.
Actn.	If you cannot find the reason for the problem and correct it, contact SAG technical support for further problem analysis.

NAT9917: Error creating server name token. RC=:1:.

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Text	Error creating server name token. RC=:1:.
Expl.	The central anchor for the Natural server is an MVS name token. The create request for the name token has failed with the decimal return code shown in the message. The explanation of the return code can be found in the IBM OS/390 Authorized Assembler Services Reference under the IEANTCR macro call desription.
Actn.	If you cannot find the reason for the problem and correct it, contact SAG technical support for further problem analysis.

NAT9918: Error deleting server name token. RC=:1:.

Text	Error deleting server name token. RC=:1:.
Expl.	The central anchor for the Natural server is an MVS name token. The delete request for the name token has failed with the decimal return code shown in the message. The explanation of the return code can be found in the IBM OS/390 Authorized Assembler Services Reference under the IEANTDL macro call desription.
Actn.	If you cannot find the reason for the problem and correct it, contact SAG technical support for further problem analysis.

NAT9919: Invalid server function code.

Text	Invalid server function code.
Expl.	The frontend server stub called the Natural server with an invalid server function code.
Actn.	Contact SAG technical support for further problem analysis.

NAT9920: Roll server not active. SUBSID=:1:.

Text	Roll server not active. SUBSID=:1:.
Expl.	The Natural server environment requires the Natural roll server for running multiple server sessions within a limited number of storage threads. Either there is no roll server started for the specified Natural subsystem ID or the SUBSID profile parameter is incorrectly or dynamically specified in the Natural parameter module.
Actn.	Start the Natural roll server for the subsystem ID or set the SUBSID profile parameter correctly or use SUBSID=" " to run without a roll server or specify this in the frontend server stub definitions.

NAT9921: Server environment not initialized.

Text	Server environment not initialized.
Expl.	The frontend server stub called Natural with a server function code other than "initialize server" and the Natural server environment is in uninitialized state.
Actn.	Restart the frontend server stub to reset its state completely. Contact SAG technical support for further problem analysis.

NAT9922: The initialization session cannot be rolled.

Text	The initialization session cannot be rolled.
Expl.	The frontend server stub requested a session create, roll-out or roll-in server function while the Natural server was initializing. During the server initialization phase these server functions are not allowed.
Actn.	Contact SAG technical support for further problem analysis.

NAT9923: No server clone session available.

Text	No server clone session available.
Expl.	The frontend server stub requested a session create but the clone session had not been saved yet.
Actn.	Contact SAG technical support for further problem analysis.

NAT9924: Session ID missing or invalid.

Text	Session ID missing or invalid.
Expl.	The Natural server session ID is a unique internal ID to identify a Natural session. The frontend server stub passed either no session ID or a hexadecimal null session ID which is not allowed or the session ID hads been modified.
Actn.	Contact SAG technical support for further problem analysis.

NAT9925: Session ID already exists.

Text	Session ID already exists.
Expl.	The front-end server stub requested a "session create", but a session with the same session ID already exists and is ready to run.
Actn.	Contact Software AG technical support for further problem analysis.

NAT9926: Session not in rolled-in status.

Text	Session not in rolled-in status.
Expl.	The frontend server stub requested a session roll-out, execute or save clone function, but the session is not in rolled-in state.
Actn.	Contact SAG technical support for further problem analysis.

NAT9927: Session not in rolled-out status.

Text	Session not in rolled-out status.
Expl.	The frontend server stub requested a session roll-in function, but the session is not in rolled-out state.
Actn.	Contact SAG technical support for further problem analysis.

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NAT9928: Compression failed during roll-out. RC=:1:.

Text	Compression failed during roll-out. RC=:1:.
Expl.	The Natural thread storage compression failed. The exact reason is indicated by the decimal return code RC=00nn. It is explained in the Natural documentation.
Actn.	Contact SAG technical support for further problem analysis.

NAT9929: Decompression failed during roll-in. RC=:1:.

Text	Decompression failed during roll-in. RC=:1:.
Expl.	The Natural thread storage decompression failed. The exact reason is indicated by the decimal return code RC=00nn. It"s explained in the Natural documentation.
Actn.	Contact SAG technical support for further problem analysis.

NAT9930: GETMAIN failed for roll buffer.

Text	GETMAIN failed for roll buffer.
Expl.	During Natural session thread storage roll-out the GETMAIN request for the roll buffer failed. Sufficient region storage must be available to save the compressed session storage.
Actn.	Increase the region size for the Natural server or use the Natural roll server as roll facility.

NAT9931: The AUTOTERM facility cannot be initialized.

Text	The AUTOTERM facility cannot be initialized.
Expl.	In a Natural server environment, the automatic server termination facility helps to avoid problems caused by an unintended DETACH of the server initialization TCB (e.g. MVS abends A03, no server resource cleanup etc.). The AUTOTERM facility cannot be initialized due to storage protection problems.
Actn.	Disable the AUTOTERM facility in the frontend server stub definitions or contact SAG technical support for further problem analysis.

NAT9932: Natural runtime error occurred - :1:.

Text	Natural runtime error occurred - ....
Expl.	During the execution of a Natural server session the indicated Natural runtime error occurred.
Actn.	Check the complete runtime error message issued by Natural. It can be found either in the return data on the client side or in the Natural standard output dataset of the server.

NAT9933: Roll server ALLOCATE request failed. RC=:1:/:2:.

Text	Roll server ALLOCATE request failed. RC=:1:/:2:.
Expl.	During session creation the ALLOCATE request for a new roll file slot failed. Sufficient roll file storage must be available. The reason for the failure is indicated by the decimal return/reason codes. These are explained in the Natural documentation.
Actn.	If you cannot find the reason for the problem and correct it, contact SAG technical support for further problem analysis.

NAT9934: Roll server WRITE request failed. RC=:1:/:2:.

Text	Roll server WRITE request failed. RC=:1:/:2:.
Expl.	During session roll-out the WRITE request to the Natural roll server failed. The reason for the failure is indicated by the decimal return/reason codes. These are explained in the Natural documentation.
Actn.	If you cannot find the reason for the problem and correct it, contact SAG technical support for further problem analysis.

NAT9935: Roll server READ request failed. RC=:1:/:2:.

Text	Roll server READ request failed. RC=:1:/:2:.
Expl.	During session roll-in the READ request from the Natural roll server failed. The reason for the failure is indicated by the decimal return/reason codes. These are explained in the Natural Documentation.
Actn.	If you cannot find the reason for the problem and correct it, contact SAG technical support for further problem analysis.

NAT9936: Roll server FREE request failed. RC=:1:/:2:.

Text	Roll server FREE request failed. RC=:1:/:2:.
Expl.	During session termination the FREE request to the Natural roll server failed. The reason for the failure is indicated by the decimal return/reason codes. These are explained in the Natural documentation.
Actn.	If you cannot find the reason for the problem and correct it, contact SAG technical support for further problem analysis.

NAT9937: Server I/O subtask cannot be started. RC=:1:/:2:.

Text	Server I/O subtask cannot be started. RC=:1:/:2:.
Expl.	In the Natural server environment, the whole I/O handling is done by a separate MVS subtask, started during server initialization. The ATTACH request for the I/O subtask failed. The reason for the failure is indicated by RC=:1:/:2:, where :1: is the decimal return code of the internal function code :2:.
Actn.	Contact Software AG technical support for further problem analysis.

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Natural System Error Messages NAT9951-NAT9999

NAT9969: Natural escaped from error loop - ..... nnnn NATnnnn.

Text	Natural escaped from error loop - ..... nnnn NATnnnn.
Expl.	An error loop has occurred, and Natural has been terminated. "....." - is the name of the program which caused the error. "nnnn" - is the number of the source-code line which caused the error. "NATnnnn" - is the number of the last error which occurred before NAT9969 was issued. If the parameter DU=FORCE is set, a dump will be produced. Register 1 of the dump contains the number of the last error which occurred before Natural escaped from the error loop and issued NAT9969.
Actn.	Produce a dump with DU=FORCE, and correct error; if necessary, contact Software AG support.

NAT9970: Natural initialization failed due to ITERM=ON.

Text	Natural initialization failed due to ITERM=ON.
Expl.	During the initialization of Natural, an error condition occurred. This message is preceded by one or more other Natural error messages. The session is terminated because profile parameter ITERM=ON is set.
Actn.	Correct error as indicated by preceding error messages or set ITERM=OFF (not possible with STACK=INPL).

NAT9972: Natural module missing or invalid - .....

Text	Natural module missing or invalid - .....
Expl.	During initialisation of Natural, it was detected that the module whose name is indicated in the error message is missing from the Natural nucleus or its maintenance level does not match.
Actn.	Link the correct module to the Natural nucleus; then start Natural again.

NAT9974: Natural termination forced by abend .....

Text	Natural termination forced by abend .....
Expl.	Natural has been abnormally terminated after an abend condition has occurred, and the profile parameter DU=ON was set. The abend condition was set by the operating system and/or TP system in use. For an explanation of the abend condition refer to the appropriate operating system and/or TP system documentation. Possible abend conditions are, for example: "S0C7" - data exception, "AICA" - possible loop under CICS, "ATCH" - task cancelled by operator (CICS).
Actn.	Analyse the dump which has been produced, and correct error. If necessary, contact Software AG support.

NAT9975: Back-end program not found - .....

Text	Back-end program not found - .....
Expl.	The Natural session was terminated normally, but the program "....." which was to receive control after the session termination (as specified with the profile parameter PROGRAM) could not be found.
Actn.	Make sure the correct program name is specified with the PROGRAM parameter, and that the program is contained in the appropriate library.

NAT9976: Initialization buffer too small.

Text	Initialization buffer too small.
Expl.	Natural could not be initialized because there was not enough space in the initialization buffer. The size of this buffer is determined by the profile parameter ISIZE.
Actn.	Increase value for ISIZE parameter in the Natural parameter module, then start Natural session again.

NAT9977: Permanent I/O error during input processing.

Text	Permanent I/O error during input processing.
Expl.	During batch processing, Natural did not receive any input data.
Actn.	Make sure input data are passed correctly to Natural.

NAT9978: Error occurred during execution/compilation.

Text	Error occurred during execution/compilation.
Expl.	During Natural batch processing, an error has occurred when a program was being compiled or executed. Batch processing was continued after the error. The session was terminated with return code "4".
Actn.	Check the output protocol for any error messages. Correct the error, and re-run the batch job if necessary

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NAT9979: Terminal converter module not linked.

Text	Terminal converter module not linked.
Expl.	Natural was invoked at a type of terminal which cannot be supported because the corresponding converter module for this terminal type has not been linked to the Natural nucleus.
Actn.	Link the missing module to the Natural nucleus, then invoke Natural again.

NAT9986: Natural parameter module missing or invalid.

Text	Natural parameter module missing or invalid.
Expl.	Either no Natural parameter module has been linked to the Natural nucleus, or the parameter module linked contains an error.
Actn.	Re-assemble Natural parameter module using the correct macro library, and link it to the Natural nucleus.

NAT9987: Natural session terminated abnormally - RC=nnn.

Text	Natural session terminated abnormally - RC=nnn.
Expl.	The Natural session was terminated by a TERMINATE statement with return code "nnn" in a Natural program.
Actn.	No action required.

NAT9988: Invalid system file information.

Text	Invalid system file information.
Expl.	The database ID and/or file number of the Natural system file FNAT have been changed, but the Natural system environment has not been adjusted to this change.
Actn.	Use function "A" of the INPL utility to adjust the system environment.

NAT9989: Natural versions do not agree.

Text	Natural versions do not agree.
Expl.	During initialization, Natural checks whether the versions of the environment-dependent interface, the Natural nucleus and the Natural parameter module fit together.
Actn.	Re-assemble the parameter module and/or the interface, and re-link the Natural nucleus.

NAT9990: Natural initialization failed.

Text	Natural initialization failed.
Expl.	During initialization of Natural, an error condition occurred which does not allow for continuation of the Natural session. This message is preceded by one or more other Natural error messages.
Actn.	Correct error as indicated by preceding error messages.

NAT9991: Required module not linked - xxxxxxxx.

Text	Required module not linked - xxxxxxxx.
Expl.	During initialisation of Natural, it was detected that the module whose name is indicated in the error message is missing from the Natural nucleus.
Actn.	Link the missing module to the Natural nucleus; then start Natural again.

NAT9992: Unrecoverable abend - session terminated.

Text	Unrecoverable abend - session terminated.
Expl.	During the attempt to recover the Natural session after an abend, another abend has occurred; the Natural session was terminated.
Actn.	Analyse the dump which has been produced, and correct error. If necessary, contact Software AG support.

NAT9993: Adabas link module missing or invalid - :1:.

Text	Adabas link module missing or invalid - ...
Expl.	The Adabas link module specified by profile parameter ADANAME cannot be loaded or is invalid. Either the load library is missing or invalid or the specified module either doesn"t exist or has been linked incorrectly.
Actn.	Ensure that the correct load library is attached to the Natural session and that it contains the correct Adabas link module.

NAT9994: String of dynamic parameters is too long.

Text	String of dynamic parameters is too long.
Expl.	The character string supplied as dynamic parameters at the start of the Natural session was too long. The string of dynamic parameters must not exceed 32767 characters.
Actn.	Restart the Natural session with fewer dynamic parameters.

NAT9995: Natural session terminated normally.

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Text	Natural session terminated normally.
Expl.	The Natural session for this terminal/user was terminated without any error conditions. Natural was terminated by one of the following actions: - entering the command FIN in NEXT/MORE mode, - entering the command %% in NEXT mode, - pressing the CLEAR key in NEXT mode, - executing the statement TERMINATE in a Natural program.
Actn.	No action required.

NAT9996: Unable to load Natural module ".....".

Text	Unable to load Natural module ".....".
Expl.	Natural could not load its reentrant part ".....". Natural attempts a TP- or OS-dependent load to pass control to its reentrant part. If it is not linked and received an error condition from the load, this error message will appear. This error may also occur if the shared Natural nucleus cannot be located, or it resides above 16 MB while the TP interface was not generated to support 31-bit mode.
Actn.	Check module name, and either apply (ZAP) new name or re-link the reentrant part with a corresponding name.

NAT9997: Not enough memory to start Natural - ttt... nnnK RC=rr.

Text	Not enough memory to start Natural - ttt... nnnK RC=rr.
Expl.	Natural was not able to acquire all required storage buffers. These buffers are used for user area, terminal area, I/O areas, file buffers, etc. If one of the storage acquisition calls fails, Natural cannot be initialized. "ttt..." - buffer type (as documented in NATCONFG), "nnnK" - buffer size (in KB), "rr" - return code from the GETMAIN request as follows: - 04 = not enough storage 08 = invalid buffer type 10 = duplicate buffer type 18 = invalid buffer length 1C = buffer type not defined in NATCONFG 30 = module NATCONFG not linked 34 = physical GETMAIN failed
Actn.	34 = physical GETMAIN failed RC=04/34: reduce buffer sizes or assign a larger thread/partition. The other return codes indicate a product error; contact SAG support.

NAT9998: I/O error on CMOBJIN input file.

Text	I/O error on CMOBJIN input file.
Expl.	An I/O error occurred while data were being read from the CMOBJIN input file.
Actn.	Contact your Natural administrator.

 Natural System Error Messages NAT9951-NAT9999

NAT9999: I/O error on CMSYNIN input file.

Text	I/O error on CMSYNIN input file.
Expl.	An I/O error occurred while data were being read from the CMSYNIN input file.
Actn.	Contact your Natural administrator.

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Compression/Decompression Error Messages

This section lists the error messages (NUS0*2nn*) that may be issued by the Natural thread compression routine as a result of internal errors.

NUS0201 - INVALID OP.CODE OR FIRST ENTRY IS NOT THE COMPRESSION BUFFER

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0202 - NUMBER OF TABLE ELEMENTS IS ZERO

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0203 - NUMBER OF TABLE ELEMENTS IS GREATER MAX.

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0204 - TOTAL THREAD LENGTH LOWER COMPRESSED

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0205 - BUFFER TYPE MISSING

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0206 - COMPRESSED BUFFER GREATER TOTAL LENGTH

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0207 - TOTAL LENGTH GREATER UPPER LIMIT

Expl.	The Natural user thread is too small.
Actn.	Enlarge the Natural user thread (under UTM, change operand of parameter MAXSIZE in macro NTSWPRM).

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NUS0208 - INCORRECT TOTAL BUFFER LENGTH

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0209 - INCORRECT USED BUFFER LENGTH

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0210 - THREAD TOO SMALL FOR DECOMPRESSION

Expl.	The Natural user thread is too small.
Actn.	Enlarge the Natural user thread (under UTM, change operand of parameter MAXSIZE in macro NTSWPRM).

NUS0211 - BUFFER OFFSET/ADDRESS NOT POSITIVE

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0212 - ERROR IN BUFFER SORT SEQUENCE

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0213 - INCORRECT BUFFER OVERLAPPING

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0214 - TOTAL OR USED BUFFER LENGTH IS INVALID

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0215 - INVALID THREAD STATUS FOR OPERATION

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0216 - INVALID BUFFER LENGTH IN PREFIX

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

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NUS0217 - INVALID LENGTH LOW END IN PREFIX

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0218 - INVALID LENGTH HIGH END IN PREFIX

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0219 - INVALID LENGTH BEFORE COMPR. BUFFER

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0220 - CMCCBR CALLED WITH COMPRESSED THREAD

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0221 - CMCCBR THREAD STATUS IS UNDEFINED

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0222 - INVALID BUFFER ID OR EYE CATCHER DESTROYED

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0223 - ERROR FROM CMFREMP FOR OUTSIDE BUFFER

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0224 - PHYS.GETMAIN ERROR FOR A FIXED BUFFER BELOW

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0225 - PHYS.GETMAIN ERROR FOR A VAR.BUFFER BELOW

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

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NUS0226 - FREE MAIN FOR WORKPOOLS NOT DONE

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

NUS0227 - STORAGE OVERFLOW - yyy BYTES GREATER zzz

yyy	represents the number of bytes which exceed the value defined by the keyword parameters OVSIZE or WPSIZE.
zzz	represents the value defined for the operand of the keyword parameters OVSIZE or WPSIZE of the Natural parameter module NTPRM.

Expl.	During a physical GETMAIN, one of the maximum sizes defined in the keyword parameters OVSIZE or WPSIZE in the Natural parameter module NTPRM is exceeded.
Actn.	Increase the maximum size of OVSIZE or WPSIZE of the Natural parameter module.

NUS0228 - GETMAIN FOR BIT TABLE BUFFER FAILED

Expl.	Internal error.
Actn.	Send the corresponding dump to Software AG Support.

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GETMAIN Error Numbers in NAT7545

This document describes the error numbers which are displayed in Error Message NAT7545 as a result of a failed GETMAIN request:

```
NAT7545 getmain of :1: for :2: buffer failed (:3:/:4:)
```

where **:3:** contains one of the following error numbers and
:4: may contain length-specific information which is explained below, or the response code from the operating system.

Error 04 : Thread upper limit exceeded

Expl.	The Natural user thread is too small.
Actn.	Increase the Natural thread length.

Error 08 : Invalid buffer type

Expl.	Internal error, the buffer type used is not valid.
Actn.	Contact Software AG Support.

Error 12 : Compression table is full

Expl.	Internal error, upper limit of the compression table exceeded.
Actn.	Contact Software AG Support.

Error 16 : Buffer already exists

Expl.	Internal error, a GETMAIN for an existing buffer was executed.
Actn.	Contact Software AG Support.

Error 20 : 1st requested buffer was not the PCB

Expl.	Internal error, Natural Permanent Control Block missing.
Actn.	Contact Software AG Support.

Error 24 : Invalid GETMAIN length

Expl.	Internal error, the buffer length of a GETMAIN is invalid.
Actn.	Contact Software AG Support.

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Error 28 : Address Physical Buffer Table missing

Expl.	Internal error, address of Physical Buffer Table not found.
Actn.	Contact Software AG Support.

Error 32 : Physical Buffer Table is full

Expl.	Internal error, upper limit of Physical Buffer Table exceeded.
Actn.	Contact Software AG Support.

Error 36 : Incorrect Buffer Prefix Table entry (CMBPFT)

Expl.	Internal error, Buffer Prefix Table entry in NATCONFG is destroyed.
Actn.	Contact Software AG Support.

Error 40 : Physical freemain not done

Expl.	Internal error, freemain of the work pools not done.
Actn.	Contact Software AG Support.

Error 44 : Work Pool or Fixed Buffer allocated above instead below

Expl.	Internal error, work pool or fixed buffer not allocated below the 16-MB line.
Actn.	Contact Software AG Support.

Error 48 : Address of Buffer Prefix Table entry not resolved

Expl.	The address of entry CMBPFT in module NATCONFG is not resolved.
Actn.	Module NATCONFG must be linked to the Natural nucleus.

Error 52 : Error from CMGETMP - see :4: in message NAT7545

Expl.	Physical GETMAIN error from the operating system.
Actn.	For details, see reason code and response code from operating system.

Error 56 : Thread overflow size greater defined OVSIZE in NTPRM

:4: in Error Message NAT7545 contains the length which is greater than the defined OVSIZE.

Expl.	Defined OVSIZE in Natural parameter module (macro NTPRM) exceeded.
Actn.	Increase the OVSIZE in the Natural Parameter Module.

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Error 60 : Getmain buffer size lower min. Buffer size

Expl.	Internal error, the buffer length is lower than the minimum buffer size.
Actn.	Contact Software AG Support.

Error 64 : Getmain buffer size greater max. buffer size

Expl.	Internal error, buffer length is greater than the maximum buffer size.
Actn.	Contact Software AG Support.

Error 68 : Total size of work pools below the line exceeds max. size

:4: in Error Message NAT7545 contains the length which is greater than the defined 3rd operand of the keyword parameter WPSIZE in the Natural parameter module.

Expl.	The total size of all work pools below the 16-MB line exceeds the defined max. size in the 3rd operand of keyword parameter WPSIZE in the Natural parameter module (macro NTPRM).
Actn.	Increase the 3rd operand of the keyword parameter WPSIZE in the macro NTPRM.

Error 72 : Total size of work pools above the line exceeds max. size

:4: in Error Message NAT7545 contains the length which is greater than the defined 4th operand of keyword parameter WPSIZE in the Natural parameter module.

Expl.	The total size of all work pools above the 16-MB line exceeds the defined max. size in the 4th operand of keyword parameter WPSIZE in the Natural parameter module (macro NTPRM).
Actn.	Increase the 4th operand of the keyword parameter WPSIZE in the macro NTPRM.

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Natural under TIAM Error Messages

This section lists the error messages that may be issued by the Natural TIAM teleprocessing interface; they are listed in groups of **NRT***nnnn* messages and **NUI***nnnn* messages.

Unlike Natural system messages, the explanatory long texts to these messages and codes are only available in this document, not online.

NRT0001 - NATURAL PARAMETER MODULE NOT FOUND

Expl.	Natural parameter module in front-end and reentrant part not found.

NRT*nnnn* Messages

NRT0002 - ERROR IN ENABLE CMP FOR BUFFER POOL MANAGER

Expl.	An error has occurred when trying to enable the memory pool for the Natural buffer pool. The return code contains the SVC return code from register 15.

NRT0003 - ERROR IN REQUEST CMP FOR BUFFER POOL MANAGER

Expl.	An error has occurred when trying to request the memory pool for the Natural buffer pool. The return code contains the SVC return code from register 15.

NRT0004 - ERROR IN ENABLE CMP FOR REENTRANT PART

Expl.	An error has occurred when trying to enable the memory pool for the Natural load pool. The return code contains the SVC return code from register 15.

NRT0005 - ERROR IN ENABLE CMP FOR GLOBAL BUFFER POOL

Expl.	An error has occurred when trying to enable the memory pool for the global buffer pool. The return code contains the SVC return code from register 15.

NRT0006 - ERROR IN LOAD OF REENTRANT PART OF Natural

Expl.	An error has occurred when trying to load the Natural nucleus. The return code contains the SVC return code from register 15.

NRT0007 - ERROR IN ENABLE SERIALIZATION ITEM

Expl.	An error has occurred when trying to enable the serialization item for the Natural start-up. The return code contains the SVC return code from register 15.

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NRT0008 - ERROR IN ENQUEUE ACCESS REQUEST

Expl.	An error has occurred when trying to enqueue the serialization queue for the Natural session initialization.

NRT0009 - ERROR IN DEQUEUE ACCESS REQUEST

Expl.	An error has occurred when trying to dequeue the serialization queue for the Natural session initialization.

NRT0010 - UNABLE TO ESTABLISH ADABAS COMMUNICATION

Expl.	The link module ADALNK or ADAUSER specified with the ADACOM generation parameter is neither linked to the Natural front-end nor could it be dynamically reloaded.

NRT0020 - SESSION TERMINATED DUE TO SEVERE ERROR(S)

Expl.	Session could not be initialized because resources were not available.

NRT0021 - TERMINAL TYPE NOT SUPPORTED BY Natural

Expl.	The Natural session has been started from a terminal which is not supported by Natural.

NRT0022 - ERROR DURING INITIALIZATION OF NAF CMP

Expl.	An error has occurred when trying to initialize the memory pool for Natural Advanced Facilities. No reports can be output via NATSPOOL.

NRT0023 - NAF PARAMETER MODULE NOT LINKED IN

Expl.	The Natural Advanced Facilities parameter module could not be located.

NRT0025 - MODULE NATINV NOT LINKED FIRST TO NUCLEUS

Expl.	The NATINV module was not included as the first one when linking the Natural nucleus.

NRT0026 - MODULE NATLAST NOT LINKED TO THE NUCLEUS

Expl.	The NATLAST module was not included in the link of the Natural nucleus. NATLAST must be included as the last module.

NRT0027 - LINK ERROR FOR ADDRESS: *nnnnnnnn*

Expl.	The module "*nnnnnnnn*" specified in LINK or LINK2 of the NATTIAM generation parameters could not be located. The module was probably not linked to the Natural TIAM front-end.

NRT0030 - ERROR DURING READ OF DYNAMIC PARAMETER FILE

Expl.	Read of dynamic parameter file failed.

NRT0031 - ERROR DURING OPEN OF DYNAMIC PARAMETER FILE

Expl.	DMS error occurred during opening of parameter file.

NRT0032 - REENTRANT PART OF TIAM DRIVER NOT FOUND

Expl.	Reentrant part of TIAM driver found neither in the reentrant nor in the front-end part.

NRT0040 - FRONT-END REENTRANT PART EXHIBIT A DIFFERENT ADDRESS MODE

Expl.	The value (either 24 or 31) specified for the PARMOD parameter for the Natural reentrant part does not correspond to the one specified for the front-end part.

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FREEMAIN Error Numbers in NAT7546

This document describes the error numbers which are displayed in Error Message NAT7546 as a result of a failed FREEMAIN request:

```
NAT7546 freemain of :1: buffer failed (:2:/:3:)
```

where **:2:** contains one of the following error numbers and
:3: contains the response code from the operating system.

Error 100: Incorrect total buffer length in buffer prefix

Expl.	Internal error, the buffer prefix contains an invalid total buffer length.
Actn.	Contact Software AG Support.

Error 104 : Invalid freemain length for a fixed buffer type

Expl.	Internal error, invalid FREEMAIN length for a fixed buffer.
Actn.	Contact Software AG Support.

Error 108 : Invalid freemain length for a variable buffer

Expl.	Internal error, invalid FREEMAIN length for a variable buffer.
Actn.	Contact Software AG Support.

Error 112 : Used length greater freemain buffer length

Expl.	Internal error, the length of an existing variable buffer has been reduced, but the length used from high end plus the length used from low end is greater than the new (reduced) buffer length.
Actn.	Contact Software AG Support.

Error 116 : Freemain for a fixed buffer below the 16-MB line failed

:3: in message NAT7546 contains the response code from the operating system.

Expl.	FREEMAIN error for a fixed buffer below the 16-MB line from the operating system.
Actn.	For details, see the reason code and response code from the operating system.

Error 120 : Eye catcher of physical buffer destroyed

Expl.	Internal error, the eye catcher of a physical buffer in a work pool has been destroyed.
Actn.	Contact Software AG Support.

Error 124 : Freemain for the physical buffer already done

Expl.	Internal error, the FREEMAIN for the physical buffer in a work pool has been done.
Actn.	Contact Software AG Support.

Error 128 : Invalid freemain length for a physical buffer

Expl.	Internal error, the FREEMAIN length for a physical buffer is invalid.
Actn.	Contact Software AG Support.

Error 132 : Freemain length greater than Work Pool size

Expl.	Internal error, the FREEMAIN length for a physical buffer is greater than the work pool size.
Actn.	Contact Software AG Support.

Error 136 : Freemain length greater total size of physical storage

Expl.	Internal error, the FREEMAIN length for a physical buffer is greater than the total size of the physical storage.
Actn.	Contact Software AG Support.

Error 140 : Invalid buffer address for freemain

Expl.	Internal error, the buffer address for a FREEMAIN is not valid.
Actn.	Contact Software AG Support.

Error 144 : Error from CMFREMP for a variable/fixed buffer

:3: in message NAT7546 contains the response code from the operating system.

Expl.	FREEMAIN error for a variable or fixed buffer from the operating system.
Actn.	For details, see the reason code and response code from the operating system.

Error 148 : Error from CMFREMP for a Work Pool

:3: in message NAT7546 contains the response code from the operating system.

Expl.	FREEMAIN error for a work pool from the operating system.
Actn.	For details, see the reason code and response code from the operating system.

Error 152 : Error from CMFREMP during freemain ALL

:3: in message NAT7546 contains the response code from the operating system.

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Expl.	FREEMAIN error from the operating system during FREEMAIN ALL.
Actn.	For details, see the reason code and response code from the operating system.

Error 156 : Error from CMFREMP for a buffer outside of thread

:3: in message NAT7546 contains the response code from the operating system.

Expl.	FREEMAIN error from the operating system for a buffer which is allocated outside of the thread.
Actn.	For details, see the reason code and response code from the operating system.

Natural Global Buffer Pool Manager Messages

This section contains the informational and error messages issued by the Natural Global buffer pool manager in OS/390 and z/OS and VSE/ESA.

All messages have the format:

```
GBPnnnn xxxxxxxx: message text
```

where *nnnn* is the message number and *xxxxxxxx* is the job name, under which the the Natural global buffer pool is running. For ease of use, the job name message portion has been omitted in the following list of messages. Notation in italics indicates a variable message portion.

The following topics are covered below:

- Natural Global Buffer Pool Manager Syntax Error Messages
- Natural Global Buffer Pool Manager Run-Time Messages
- Natural Global Buffer Pool Manager Driver Messages

Natural Global Buffer Pool Manager Syntax Error Messages

The Natural global buffer pool manager syntax error messages are self-explanatory with *xxxx* being the invalid command or parameter. For appropriate command and parameter syntax, refer to the Natural Operations for Mainframes documentation.

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Message Number	Message Text
GBP0001	Invalid command: *xxxx*
GBP0002	More than one command specified
GBP0003	Invalid parameter keyword: *xxxx*
GBP0004	Buffer pool name parameter missing
GBP0005	Invalid buffer pool name: *xxxx*
GBP0006	Leading parenthesis missing in NATBUFFER
GBP0007	Ending parenthesis missing in NATBUFFER
GBP0008	Buffer pool size not numeric: *xxxx*
GBP0009	Buffer pool size less than 100K: *xxxx*
GBP0010	Buffer pool size too large: *xxxx*
GBP0011	Invalid MODE specified: *xxxx*
GBP0012	Text block size not numeric: *xxxx*
GBP0013	Text block size must be 1,2,4,8,12 or 16, not *xxxx*
GBP0014	Invalid buffer pool type: *xxxx*
GBP0015	Invalid preload list name: *xxxx*
GBP0016	Invalid sub-system ID: *xxxx*
GBP0017	IDLE time not numeric: *xxxx*
GBP0018	IDLE time out of valid range: *xxxx*
GBP0019	Buffer pool cache size not numeric: *xxxx*
GBP0020	Buffer pool cache size out of valid range: *xxxx*
GBP0021	RESIDENT must be Y or N or A, not *xxxx*
GBP0022	METHOD must be S or N, not *xxxx*
GBP0023	CONFIRM must be Y or N, not *xxxx*
GBP0024	PLUGIN must be BP or NOBP, not *xxxx*
GBP0025	REGISTER must be Y or N, not *xxxx*

Natural Global Buffer Pool Manager Run-Time Messages

Message Number	Message Text
GBP0000	*xxxx* (dummy message consisting only of a variable message part)
GBP0099	Message text module missing or invalid: *pgm-name*
GBP0100	No parameters specified
GBP0101	Specified parms: *xxxx*
GBP0102	Operator input: *xxxx*
GBP0103	Input from file: *xxxx*
GBP0104	Mandatory module missing or invalid: *pgm-name*

GBP0105	Storage could not be obtained: *xxxx*
GBP0106	FREEMAIN not successful
GBP0107	NAME/TOKEN service failure: *xxxx*
GBP0108	Buffer pool manager module incompatible: *pgm-name*
GBP0110	GBP not active: *gbp-name/subsid*
GBP0111	GBP active: *gbp-name/subsid* - DIR=*dir-addr* ADDR=*gbp-addr*
GBP0112	GBP refreshed: gbp-name/subsid - DIR=dir-addr ADDR=gbp-addr
GBP0113	GBP stopped: *gbp-name/subsid* - DIR=*dir-addr* ADDR=*gbp-addr*
GBP0114	GBP already active: *gbp-name/subsid* - DIR=*dir-addr* ADDR=*gbp-addr*
GBP0115	GBP still in use: *gbp-name/subsid* - DIR=*dir-addr* ADDR=*gbp-addr*
GBP0116	Associated GBP has been lost *gbp-name/subsid*
GBP0117	Shutdown forced for GBP *gbp-name/subsid*
GBP0118	Reply Y to force shutdown of GBP *gbp-name/subsid*
GBP0119	Shutdown aborted, reply was *x*
GBP0120	Creating cache for GBP: *gbp-name/subsid*
GBP0121	Deleting cache for GBP: *gbp-name/subsid*
GBP0122	GBP cache creation failure: *error-info*
GBP0123	GBP cache deletion failure: *error-info*
GBP0124	GBP cache created: *cache-name,cache-token,cache-ALET*
GBP0125	GBP cache deleted: *cache-name,cache-token,cache-ALET*
GBP0126	ALET stack overflow. Cannot create GBP cache
GBP0127	Cache already exists for GBP: *gbp-name/subsid*
GBP0128	No cache available for GBP: *gbp-name/subsid*
GBP0129	GBP cache not owned by job *job-name*
GBP0130	No global buffer pool available for SUBSID: *subsid*
GBP0131	List of all global buffer pools with SUBSID: *subsid*
GBP0132	BP-Name/SUBSID Size(KB) A(GBP) A(DIR) ALET Cache Size Cache Owner
GBP0133	About to shutdown the following global buffer pools
GBP0134	Reply Y to continue shutdown of global buffer pools
GBP0135	No global buffer pool matching selection criteria
GBP0136	Job does not own GBP cache(s)
GBP0137	GBP cache(s) owned by job job-name
GBP0140	RESIDENT=N ignored due to owning GBP cache(s):
GBP0141	TERMINATE aborted due to owning GBP cache(s):
GBP0145	Global parm settings: *xxxx*
GBP0150	Formatted dump

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GBP0151	Formatted dump for GBP *gbp-name/subsid*
GBP0154	Global buffer pool manager not operational
GBP0158	Bad retcode from NATBPMG4, function REINIT: *rtc*
GBP0159	Bad retcode from NATBPMG4, function INIT: *rtc*
GBP0199	Natural Global Buffer Pool Manager Version: *xxxx*

Natural Global Buffer Pool Manager Driver Messages

The following messages are issued by the Natural global buffer pool manager operating system dependent driver modules:

Message Number	Message Text
GBP0200	Specified file does not exist: *file-name*
GBP0201	Reading parm input from file *file-name*
GBP0202	EOF encountered reading file *file-name*
GBP0203	Error reading file *file-name*
GBP0204	Subsystem storage protection feature is required
GBP0205	Insufficient authorization: *error-info*
GBP0206	Job cancelled by operator
GBP0207	Job cancelled due to unrecoverable abend *abend-code*

The following messages are issued by the Natural global buffer pool manager OS/390 driver module:

Message Number	Message Text
GBP0300	Sorry, OS/390 or z/OS is required
GBP0301	Only MODIFY or STOP commands allowed
GBP0302	STOP command received from operator

The following messages are issued by the Natural global buffer pool manager VSE/ESA driver module:

Message Number	Message Text
GBP0400	Sorry, VSE/ESA 2.4 or higher is required
GBP0401	Ready for communications
GBP0402	No input received from operator
GBP0403	Job cancelled due to JCL overrun

Roll Server Messages

This section lists the messages that may be issued by the Natural Roll Server. Unlike Natural system messages, the explanatory long texts to these messages and codes are only available in this document, not online.

RSM0001 - Subsystem id invalid

Expl.	A subsystem ID was specified that is longer than 4 characters.
Actn.	Specify a subsystem ID of 1 to 4 characters.

RSM0002 - Roll file number not numeric

Expl.	The second parameter is not a number.
Actn.	Specify a valid number,

RSM0003 - Invalid number of roll files

Expl.	A number greater than 5 was specified.
Actn.	Specify a number between 0 and 5.

RSM0004 - Number of LRB slots not specified

Expl.	The third parameter was omitted.
Actn.	This is a mandatory parameter. Specify a valid number.

RSM0005 - Number of LRB slots not numeric

Expl.	The third parameter is not a number.
Actn.	Specify a valid number.

RSM0006 - Number of LRB slots > 32767

Expl.	The number of LRB slots specified is too large.
Actn.	Specify a maximum of 32767 LRB slots.

RSM0007 - Invalid CF structure name

Expl.	A structure name of more than 16 characters was specified.
Actn.	Specify a structure name of 16 characters or less.

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RSM0008 - Bad return code from IEANTRT: *rc*

Expl.	The Name/Token Service returned return code *rc*.
Actn.	See the *z/OS V1R2.0 MVS Programming: Authorized Assembler Services Reference* manual for information about the return code from the IEANTRT request.

RSM0009 - DCB buffer could not be obtained. Reason: *reasoncode*

Expl.	A STORAGE OBTAIN request failed with *reasoncode*.
Actn.	Increase virtual storage available to the Roll Server. (REGION option of the JCL EXEC statement.)

RSM0010 - OPEN failed for DDNAME: *ddname*

Expl.	The roll file specified under DDNAME *ddname* could not be opened.
Actn.	Specify a valid roll file DSN.

RSM0011 - Duplicate roll file DSN

Expl.	The same DSN was specified for two roll file DDNAMES.
Actn.	Specify unique DSNs for each roll file.

RSM0012 - Temp roll file buffer could not be obtained. Reason: *reasoncode*

Expl.	A STORAGE OBTAIN request failed with *reasoncode*.
Actn.	Increase virtual storage available to the Roll Server. (REGION option of the JCL EXEC statement.)

RSM0013 - RF directory buffer could not be obtained. Reason: *reasoncode*

Expl.	A STORAGE OBTAIN request failed with *reasoncode*.
Actn.	Increase virtual storage available to the Roll Server. (REGION option of the JCL EXEC statement.)

RSM0014 - LRB directory could not be obtained. Reason: *reasoncode*

Expl.	A STORAGE OBTAIN request failed with *reasoncode*.
Actn.	Increase virtual storage available to the Roll Server. (REGION option of the JCL EXEC statement.)

RSM0015 - Creation of dataspace failed. Reason: *reasoncode*

Expl.	The DSPSERV macro returned reason code *reasoncode*.
Actn.	See the *z/OS V1R2.0 MVS Programming: Authorized Assembler Services Reference* manual for information about the reason code from the DSPSERV CREATE request.

RSM0016 - ALESERV ADD failed. Reason: *reasoncode*

Expl.	The DSPSERV macro returned reason code *reasoncode*.
Actn.	See the *z/OS V1R2.0 MVS Programming: Authorized Assembler Services Reference* manual for information about the reason code from the ALESERV ADD request.

RSM0017 - Size for LRB > 524287 blocks

Expl.	The number of LRB slots times LRB slot size exceeds 2 Gigabytes.
Actn.	Specify fewer LRB slots or a smaller slot size.

RSM0018 - LX table could not be obtained. Reason: *reasoncode*

Expl.	A STORAGE OBTAIN request failed with *reasoncode*.
Actn.	Increase virtual storage available to the Roll Server. (REGION option of the JCL EXEC statement.)

RSM0019 - Roll Server Version 41*x* is active

Expl.	The Roll Server initialized successfully and is ready for work.
Actn.	None.

RSM0020 - Subtask terminated: *taskname rc*

Expl.	The subtask indicated by *taskname* has terminated. If the return code is not zero, it is indicated as *rc*.
Actn.	If a nonzero *rc* is reported, contact Software AG.

RSM0021 - Subtask termination initiated

Expl.	In response to a TERM or DEAL operator command, the Roll Server has started to terminate its subtasks.
Actn.	None.

RSM0022 - All subtasks terminated

Expl.	In response to a TERM or DEAL operator command, the process of terminating the subtasks is finished.
Actn.	None.

RSM0023 - Other than MODIFY or STOP command received

Expl.	The Roll Server received a CIBVERB other than MODIFY or STOP.
Actn.	Contact Software AG.

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RSM0024 - Trace activated

Expl.	In response to the TRSTART operator command, the internal trace facility is started.
Actn.	None.

RSM0025 Œ Trace stopped

Expl.	In response to the TRSTOP operator command, the internal trace facility is stopped.
Actn.	None.

RSM0026 - Command allowed in active state only: *command*

Expl.	In DEALlocated state, the Roll Server cannot accept operator command *command*.
Actn.	Issue the START operator command, then repeat the rejected command.

RSM0027 - Unknown command *command*

Expl.	An invalid operator command was issued to the Roll Server.
Actn.	Check for typing error and correct.

RSM0028 - We are already deallocated

Expl.	The operator command DEALlocate was issued when the Roll Server already was in deallocated state.
Actn.	None.

RSM0029 - Recursive abend in maintask. Now waiting for CANCEL command

Expl.	An abend occurred during abend recovery.
Actn.	Cancel the Roll Server started task and contact Software AG.

RSM0030 - Low Water Mark not numeric or invalid

Expl.	The sixth paramter is not a number or exceeds 10.
Actn.	Specify a low water mark between 0 and 10.

RSM0031 - High Water Mark not numeric or invalid

Expl.	The seventh paramter is not a number or exceeds 10.
Actn.	Specify a high water mark between 0 and 10.

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RSM0032 - Work buffer could not be obtained: *reasoncode*

Expl.	A STORAGE OBTAIN request failed with *reasoncode*.
Actn.	Increase virtual storage available to the Roll Server. (REGION option of the JCL EXEC statement.)

RSM0033 - All resources deallocated

Expl.	In response to a DEALlocate operator command, the Roll Server is now in deallocated state.
Actn.	None.

RSM0034 - START allowed in deallocated state only

Expl.	The START operator command was issued while the Roll Server was in active state.
Actn.	Issue the DEALlocate command before issuing the START command.

RSM0035 - START parameters missing

Expl.	The START operator command was issued with insufficient parameters.
Actn.	Correct the START command and re-issue it.

RSM0036 - DUMP successful for roll file *n*

Expl.	Slots from the Local Roll Buffer and the Roll File Directory were successfully written to Roll File *n* on disk.
Actn.	None.

RSM0037 - DUMP failed for roll file *n*

Expl.	The Roll Server was unable to write slots and directory to Roll File *n*.
Actn.	Look for accompanying messages indicating the error situation that prevented a successful dump.

RSM0038 - SNAP failed. Task RB could not be obtaied

Expl.	A STORAGE OBTAIN request failed.
Actn.	Increase virtual storage available to the Roll Server. (REGION option of the JCL EXEC statement.)

RSM0039 - XES functions not available

Expl.	Environmental error. XES functions are not available. This can occur because the coupling facility hardware necessary to provide XES functions is not present.
Actn.	Re-IPL the system or contact IBM.

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RSM0040 - IXLCONN unsuccessful. Reason code: *reasoncode*

Expl.	A connection to the Coupling Facility structure specified as fifth parameter could not be established.
Actn.	Determine the meaning of the reason code in OS/390 or z/OS *Programming: Sysplex Services Reference* and follow the indicated action.

RSM0041 - CF initialization successful for list: *n*

Expl.	The Role File Directory for Roll File *n* was established in the list structure specified as fifth parameter.
Actn.	None.

RSM0042 - CF initialization failed for list/RSN code: *reasoncode*

Expl.	The Role File Directory for Roll File *n* could not be established in the list structure specified as fifth parameter. The reason codes are as follows:	
	12	STORAGE OBTAIN failed.
	16	An abend occurred during initialization.
	20	The Structure is allocated too small to hold the Roll File Directory.
	24	Structure failure or connectivity lost.
Actn.	For Reason Code 12:	Increase virtual storage available to the Roll Server. (REGION option of the JCL EXEC statement.)
	For Reason Code 16:	Contact Software AG.
	For Reason Code 20:	Define a larger size for the CF structure in the CFRM policy.
	For Reason Code 24:	Reset the structure using operator command `SETXCF FORCE,STR,STRNAME=`*`name`*. If the error persists, contact IBM.

RSM0043 - IXCJOIN failed. Return/Reason code: *reasoncode*

Expl.	The Roll Server could not join its IXC message group.
Actn.	Determine the meaning of the reason code in OS/390 or z/OS Programming: *Sysplex Services Reference* and follow the indicated action.

RSM0044 - Act conn buffer could not be obtained

Expl.	A STORAGE OBTAIN request failed.
Actn.	Increase virtual storage available to the Roll Server. (REGION option of the JCL EXEC statement.)

RSM0045 Œ Applied zaps:

Expl.	When zaps are applied to the Roll Server, it issues this message, followed by a list of applied zaps.
Actn.	None.

RSM0046 Œ Roll file in use by job *jobname* ASID *asid*

Expl.	The Roll Server cannot start because another Roll Server is using a roll file. The other Roll Server is running in job or started task named *jobname* with address space identifier *asid*. The message is followed by the roll fileŸs DSN.
Actn.	Ensure that all Roll Servers have dedicated roll files.

RSM0047 Œ Operator command: *command*

Expl.	The Roll Server echoes operator commands to JESMSGLG.
Actn.	None.

RSM0048 - IARV64 GETSTOR failed. Return code: *rc*

Expl.	From z/OS V1.2 on, the Roll Server uses Memory Objects for the Local Roll Buffers. The Memory Objects are acquired using the IARV64 services. A GETSTOR function failed.
Actn.	Determine the action in the IARV64 description in the *z/OS V1R2.0 MVS Programming: Authorized Assembler Services Reference* manual.

RSM0049 - Disconnected from CF with RSN=FAILURE

Expl.	The Roll Server disconnected from the Coupling Facility structure with parameter REASON=FAILURE in order to notify other participating Roll Servers of its own termination with failure.
Actn.	None.

RSM0050 - Disconnected from CF with RSN=NORMAL

Expl.	The Roll Server disconnected from the Coupling Facility structure with parameter REASON=NORMAL in order to notify other participating Roll Servers of its own normal termination.
Actn.	None.

RSM0051 Œ Roll file *n* is newer than the CF structure

Expl.	A roll file was newly formatted, but the Coupling Facility structure still contains its Roll File Directory.
Actn.	After formatting a roll file, re-initialize the CF structure using operator command `SETXCF FORCE,STR,STRNAME=`*`name`*

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RSM0052 - Not enough storage for IARV64 GETSTOR - Increase MEMLIMIT

Expl.	Not enough memory in Memory Objects could be allocated to hold the Local Roll Buffer(s). The allocatable amount is controlled by the MEMLIMIT parameter of the JCL EXEC statement and SMF exit IEFUSI.
Actn.	Increase the amount of usable storage in the MEMLIMIT parameter, or change the IEFUSI exit.

RSM0053 - Not enough memory for SNAP

Expl.	A SNAP dump could not be taken because a STORAGE OBTAIN request failed.
Actn.	Increase virtual storage available to the Roll Server. (REGION option of the JCL EXEC statement.)

RSM0054 - OPEN for SYSUDUMP failed

Expl.	A SNAP dump could not be taken because SYSUDUMP could not be opened.
Actn.	Ensure that the Roll Server job or started task includes a DD statement for SYSUDUMP.

RSM0055 - CF structure does not contain enough lists

Expl.	For each roll file, the Roll Server maintains its directory in a separate list in the CF structure. The existing structure has fewer lists than the number of roll files to be used.
Actn.	Re-initialize the CF structure using operator command `SETXCF FORCE,STR,STRNAME=`*`name`*, or use fewer roll files.

RSM0056 - LRB slotsize invalid or not numeric

Expl.	The fourth parameter is either not numeric or greater than 10000000.
Actn.	Correct typing error or specify a smaller LRB slot size.

RSM0057 - Bad return code from IEANTCR: *rc*

Expl.	The Name/Token Service denied a create request with return code rc.
Actn.	Determine the action from the description of IEANTCR in the *z/OS V1R2.0 MVS Programming: Authorized Assembler Services Reference* manual.

RSM0058 - Rollserver already active in *subsid*: Job *jobname* ASID *asid*

Expl.	The Roll Server determined that in the Natural subsystem specified in the first parameter, subsid, another Roll Server is already active. The other Roll Server is running in job or started task named *jobname*, with address space identifier *asid*.
Actn.	Start only one Roll Server per Natural subsystem per MVS image.

RSM0059 Œ Roll file *ddname* is below version 3.1

Expl.	The roll file specified in *ddname* has an incompatible format.
Actn.	Reformat the roll file using NATRSRFI. Please, refer to Natural Roll Server Operation (in the Natural Operations for Mainframes documentation)..

RSM0060 ŒUser exit loaded: NATRSU14

Expl.	User exit NATRSU14 is loaded and will be called to allocate users to roll files.
Actn.	None.

RSM0061 - Slot size must be specified when no roll files are used

Expl.	When running without roll files, a default value for the LRB slot size cannot be determined.
Actn.	Specify LRB slot size as fourth parameter.

RSM0062 - Running with in-core roll file

Expl.	The second parameter specified 0 for the number of roll files. Natural threads are held in Local Roll Buffer slots only and are lost when the Roll Server terminates.
Actn.	None.

RSM0063 - Coupling Facility will not be used

Expl.	The second parameter specified 0 for the number of roll files, yet the fifth parameter specified a CF structure. To enable Natural to run on several MVS images in a Parallel Sysplex, the Roll Server needs to use roll files. Operation continues without roll files, but the Roll Server will not communicate with other Roll Servers in other MVS images.
Actn.	Specify roll files in a Parallel Sysplex, or do not specify a CF structure name with zero roll files.

RSM0064 - High/low water marks ignored

Expl.	The second parameter specified 0 for the number of roll files, yet low or high watermarks were also specified. With no roll files, low and high watermark are meaningless. Operation continues.
Actn.	Do not specify watermarks with zero roll files.

RSM0065 - XES Event exit received unexpected event type: *nn*

Expl.	The exit for the connection to the CF structure received an event type that it cannot handle. *nn* is the number corresponding to the event type.
Actn.	Contact Software AG Support.

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Return Codes and Reason Codes of the Roll Server Requests

This section contains the return codes and reason codes of the roll server requests. Unlike Natural system messages, the explanatory long texts to these messages and codes are only available in this document, not online.

The teleprocessing interfaces issuling roll server request interpret some reason codes returned by a failed roll server request and issue specific error messages. Other reason codes, however, are not interpreted. These are reported with a more general error message text.

Return Codes:

Decimal	Explanation
0	Normal completion.
4	Wait for disk I/O completion.
8	Wait and resume this call.
12	Error, see reason code.
16	Abnormal end.
20	Recursive abend.
28	Roll server not active.
32	GETMAIN failed for work area.
36	Request block is write protected.

Reason Codes Returned with Return Code 12:

Hex	Dec	Function Type	Explanation
04	04	ALLOC	The roll file is full. Action: Increase and reformat the roll file. Note: Please read carefully the constraints regarding reformatting the roll file described in the roll server documentation.
08	08	All except STATS	An ABEND was intercepted and a SNAP dump was taken. Action: Contact Software AG Support.
0C	12	ALLOC	The roll file number returned by the user exit NATRSU14 is invalid. Action: Correct the user exit.
10	16	FREE READ WRITE	The roll file number passed by the requestor in the request block is invalid. Possible reason: The request block has been overwritten since the last successfully executed roll server function. Action: Contact Software AG Support.

Hex	Dec	Function Type	Explanation
14	20	FREE READ WRITE	The number of the roll file slot passed by the requestor in the request block is invalid. Possible reason: The request block has been overwritten since the last successfully executed roll server function. Action: Contact Software AG Support.
18	24	FREE READ WRITE	There is no allocated roll file slot for the user with the identification passed by the requestor in the request block. Possible reason: The request block has been overwritten since the last successfully executed roll server function. Action: Contact Software AG Support.
1C	28	READ WRITE	The size of the compressed Natural thread presented (WRITE) or requested (READ) is zero. Possible reason: The request block has been overwritten since the last successfully executed roll server function. Action: Contact Software AG Support.
20	32	READ WRITE	The size of the compressed Natural thread is greater than the maximum roll file slot. Possible reasons: READ: The request block has been overwritten since the last successfully executed roll server function. WRITE: The compressed Natural thread does not fit into a roll file slot. Action: Reformat the roll file with a bigger slot size (please read carefully the constraints regarding reformatting the roll file described in the roll server documentation) or contact Software AG Support.
24	36	READ WRITE	An internal control block used for inter-task communication could not be allocated. Action: Increase the amount of available space for the roll server address space. If the problem persists, contact Software AG Support.
28	40	READ WRITE	An intermediate buffer for an asynchronous READ/WRITE request could not be allocated. Action: Increase the amount of available space for the roll server address space. If the problem persists, contact Software AG Support.
2C	44	READ	The size of the compressed Natural thread requested is not equal to the size used on the preceding WRITE request. Possible reason: The request block has been overwritten since the last successfully executed roll server function. Action: Contact Software AG Support.

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Hex	Dec	Function Type	Explanation
30	48	READ WRITE	An ABEND was intercepted and a SNAP dump issued in the roll server's address space. Action: Contact Software AG Support
34	52	READ	The READ-task could not allocate the intermediate buffer. Action: Increase the amount of available space for the roll server address space. If the problem persists, contact Software AG Support.
38	56	READ WRITE STATS	The address of the Natural thread is not specified in the request block. Possible reason: The request block has been overwritten since the last successfully executed roll server function. Action: Contact Software AG Support.
3C	60	FREE READ WRITE	The pointer to the directory entry in the request block is invalid. Possible reason: The request block has been overwritten since the last successfully executed roll server function. Action: Contact Software AG Support.
40	64	READ	The roll server init timestamp specified in the request block is zero. Possible reason: The request block has been overwritten since the last successfully executed roll server function. Action: Contact Software AG Support.
44	68	All	Sysplex Services for Data Sharing (XES) returned an unexpected reason code. The XES reason code is returned by the roll server in the request answer area (label RSPAXRNC). Action: Please refer to the documentation "Sysplex Services Reference" for the detailed reason and proposed actions. If the reason does not depend on system definitions, contact Software AG Support.
48	72	All	The connection to the Coupling Facility was lost. Possible reason: Hardware or system software problem. Action: Contact the OS/390 system administration.
4C	76	All	The Coupling Facility structure failed. Possible Reasons: Hardware or system software problem (Contact IBM Support) Action: Stop the roll server, deallocate the coupling facility structure and reformat the roll file.
50	80	READ	The previous WRITE request executed on a different OS/390 image was not successfully completed due to a Coupling Facility problem or a roll server problem. Action: Look at the message logs of the roll servers participating in the Sysplex for messages indicating this situation.

Hex	Dec	Function Type	Explanation
54	84	FREE	The entry for the specific user could not be located in the Coupling Facility structure. Possible reason: The request block has been overwritten since the last successfully executed roll server function. Action: Contact Software AG Support.
58	88	READ	A wait-queue element could not be allocated. Action: Increase the amount of available space for the roll server address space. If the problem persists, contact Software AG Support.
5C	92	READ	The information contained in the specific entry of the Coupling Facility structure indicates that there was no previous WRITE request. Action: Contact Software AG Support.
60	96	DEALLOC	The length of the generic user ID is smaller than 1 or greater than 16. Action: Contact Software AG Support.
64	100	DZAP READ WRITE	The receiving storage area provided by the caller is write-protected. Action: Contact Software AG Support.
68	104	FREE READ WRITE	The ECB referenced in the request block is not aligned or is write-protected. Action: Contact Software AG Support.

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SIP Return Codes and Reason Codes

This document contains the return codes and reason codes of the Session Information Pool (SIP) Service requests. Unlike Natural system messages, the explanatory long texts to these messages and codes are only available in this document, not online.

This document covers the following topics:

- Return Codes
- SIP Reason Codes for Return Code 0
- SIP Reason Codes for Return Code 12

Return Codes

Decimal	Explanation
0	Function completed normally.
4	Auth. server not available
8	Parmlist write protected.
12	Error, see reason code.
16	Abnormal end.
20	Coupling Facility (CF) interface error.
24	Abend without work area, recursive abend.

SIP Reason Codes for Return Code 0

Dec	Explanation
4	SIP Service local only (no Coupling Facility).

SIP Reason Codes for Return Code 12

General Errors

Dec	Explanation
104	SIP Service not available.
108	GETMAIN for work area failed.
112	Invalid function code.

ALLOC Function Errors

Dec	Explanation
8	Invalid key (session ID).
12	Duplicate key (session ID).
16	Session information pool full.
20	Requested length exceeds slot size.

FREE Function Errors

Dec	Explanation
4	Invalid slot address.
8	Invalid key (session ID).
12	Slot/key mismatch.

WRITE Function Errors

Dec	Explanation
4	Invalid slot address.
8	Invalid key (session ID).
12	Slot/key mismatch.
16	Buffer not addressable.
20	Invalid buffer length.

GET UNIQUE Function Errors

Dec	Explanation
4	Invalid slot address.
8	Invalid key (session ID).
12	Slot/key mismatch.
16	Buffer not modifiable.
24	Key (session ID) not found.
28	Info: Output truncated.

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GET SEQUENTIAL Function Errors

Dec	Explanation
16	Buffer not modifiable.
20	Invalid buffer length.

QUERY Function Errors

Dec	Explanation
16	Buffer not modifiable.
20	Invalid buffer length.

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Authorized Services Manager Messages

This section lists the messages that may be issued by the Natural Authorized Services Manager (ASM). Unlike Natural system messages, the explanatory long texts to these messages and codes are only available in this document, not online.

ASM0001 - Subsystem id invalid

Expl.	A subsystem ID was specified that is longer than 4 characters.
Actn.	Specify a subsystem ID of 1 to 4 characters.

ASM0002 - No group name: Sysplex purge propagation disabled

Expl.	The second parameter was not specified. The ASM will not communicate with other ASMs in a Parallel Sysplex.
Actn.	None.

ASM0003 - Unexpected return code from IEANTRT: *rc*

Expl.	The Name/Token Service returned return code *rc*.
Actn.	See the *z/OS V1R2.0 MVS Programming: Authorized Assembler Services Reference* manual for information about the return code from the IEANTRT request.

ASM0004 - LX table could not be obtained. Reason: *reasoncode*

Expl.	A STORAGE OBTAIN request failed with *reasoncode*.
Actn.	Increase virtual storage available to the ASM. (REGION option of the JCL EXEC statement.)

ASM0005 - Authorized Services Manager Version 41x is active

Expl.	The ASM initialized successfully and is ready for work.
Actn.	None.

ASM0006 - Other than MODIFY or STOP command received

Expl.	The ASM received a CIBVERB other than MODIFY or STOP.
Actn.	Contact Software AG.

ASM0007 - Trace activated

Expl.	In response to the TRSTART operator command, the internal trace facility is started.
Actn.	None.

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ASM0008 - Trace stopped

Expl.	In response to the TRSTOP operator command, the internal trace facility is stopped.
Actn.	None.

ASM0009 - Invalid command: *command*

Expl.	An invalid operator command was issued to the ASM.
Actn.	Check for typing error and correct.

ASM0010 - Bad return code from SNAP routine: *rc*

Expl.	A SNAP dump could not be taken. The return codes are as follows:	
	20	A STORAGE OBTAIN request failed.
	24	SYSUDUMP could not be opened.
Actn.	For return code 20:	Increase virtual storage available to the ASM. (REGION option of the JCL EXEC statement.)
	For return code 24:	Ensure that the ASM job or started task includes a DD statement for SYSUDUMP.

ASM0011 - Subtask terminated: *taskname rc*

Expl.	The subtask indicated by *taskname* has terminated. If the return code is not zero, it is indicated as *rc*.
Actn.	If a nonzero *rc* is reported, contact Software AG.

ASM0012 - Subtask termination in progress

Expl.	In response to the TERM operator command, the ASM has started to terminate its subtasks.
Actn.	None.

ASM0013 - Coupling Facility will not be used for SIP

Expl.	No CF structure name was specified in the third parameter.
Actn.	None.

ASM0014 - Invalid SIP CF structure name

Expl.	A structure name of more than 16 characters was specified.
Actn.	Specify a structure name of 16 characters or less.

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ASM0015 - Invalid number of SIP slots specified

Expl.	The fourth parameter is not a number.
Actn.	Correct typing error.

ASM0016 - SIP slot size is *nnnn* bytes

Expl.	The Session Information Pool Service (SIP) slot size is either as specified in the fifth parameter, or as found in the CF structure if it is already allocated.
Actn.	None.

ASM0017 - Connected to SIP CF Structure with *nnnn* slots

Expl.	The structure was already allocated and contains *nnnn* slots.
Actn.	None.

ASM0018 - SIP CF Structure initialized with *nnnn* slots

Expl.	The structure was not yet allocated and initialized by the ASM. The number of slots is either the number specified in the fourth parameter or the number of slots the ASM was able to create, whichever is less.
Actn.	None.

ASM0019 - Number of SIP slots not specified: SIP service is not available

Expl.	The number of slots was not specified as fourth parameter, and a CF structure was not specified as third parameter. The Session Information Pool Service (SIP) is not available.
Actn.	None.

ASM0020 - Invalid SIP slots size specified

Expl.	The fifth parameter is either not numeric, or an invalid number.
Actn.	Specify 256, 512, 1024, 2048, or 4096.

ASM0021 - Unexpected return code from IEANTCR: *rc*

Expl.	The Name/Token Service returned return code *rc*.
Actn.	See the *z/OS V1R2.0 MVS Programming: Authorized Assembler Services Reference* manual for information about the return code from the IEANTCR request.

ASM0022 Œ (This message number is not used.)

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ASM0023 - This service also established in a V3.1 environment

Expl.	Module NATAU31B was found in the ASM library and called by the ASM. The ASM is available for callers running Natural V3.1 in a subsystem of the same name as the one specified in the first parameter.
Actn.	None.

ASM0024 - Unable to establish service in a V3.1 environment

Expl.	Module NATAU31B was found in the ASM library and called by the ASM, but failed to insert the subsystem name into the Natural V3.1 subsystem table.
Actn.	Contact Software AG.

ASM0045 - Applied zaps:

Expl.	When zaps are applied to the ASM, it issues this message, followed by a list of applied zaps.
Actn.	None.

ASM0047 Œ Operator command: *command*

Expl.	The ASM echoes operator commands to JESMSGLG.
Actn.	None.

ASM0058 - ASM already active in subsid: Job *jobname* ASID *asid*

Expl.	The ASM determined that in the Natural subsystem specified in the first parameter, subsid, another ASM is already active. The other ASM is running in job or started task named *jobname*, with address space identifier *asid*.
Actn.	Start only one ASM per Natural subsystem per MVS image.

Natural under Com-plete/SMARTS Abend Codes

This document contains the abend codes issued by the Natural Com-plete/SMARTS teleprocessing interface.

This following topic is covered:

- Natural under Com-plete/SMARTS Abend Codes

Natural under Com-plete/SMARTS Abend Codes and Error Messages

Code	Explanation
301	An abend has been forced via CMABEND and DU=ON/FORCE has been specified. The session will be terminated immediately with clean-up for DU=ON and without any cleanup for DU=FORCE. IOCB field TPABCDE (Register 10 + x18C) contains the abend code. IOCB offset x’290’ contains the PSW and the Registers 0 to 15.
302	An abend has occurred and DU=ABEND has been specified. The session will be cleaned up before it is abended. IOCB offset x’290’ contains the PSW and the Registers 0 to 15.
304	An abend has occurred, and Natural is not ready to handle it. The session will be terminated immediately without any clean-up. IOCB offset x’290’ contains the PSW and the Registers 0 to 15.
305	An abend has occurred and Natural’s BB could not be addressed.
307	The Natural under Com-plete save area stack is exhausted.
308	An abend has occurred and the Natural Com-plete ABEXIT handler abends recursive.
309	Attention key has been pressed, and Natural is not ready to handle it. The session will be terminated immediately without any clean-up. IOCB offset x’290’ contains the PSW and the Registers 0 to 15.
310	An unexpected error at Terminal IO has occurred.The session will be terminated immediately without any clean-up. IOCB offset x’290’ contains the PSW and the Registers 0 to 15.
313	An unexpected error for ABEXIT entry has occurred.The session will be terminated immediately without any clean-up. IOCB offset x’290’ contains the PSW and the Registers 0 to 15.
312	The Natural shared nucleus has been displaced during a terminal I/O, and the Natural relocation module returns a non-zero return code.

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