

Natural Nucleus 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).

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: 'SOC7' - 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

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.

NAT9980: Requested buffer pool size too small.

Text	Requested buffer pool size too small.
Expl.	The buffer pool manager tried to become active, but was assigned a buffer pool size which is less than the minimum size required to function properly.
Actn.	Restart Natural with increased size of parameter NBPMSIZE.

NAT9981: Specified number of buffer pool directories too small.

Text	Specified number of buffer pool directories too small.
Expl.	The Natural buffer pool manager tried to initialize with a number of directory elements which is too small to guarantee proper functioning of the buffer pool.
Actn.	Restart Natural with increased number of directory entries (parameter NBPMDIRS).

NAT9982: Not enough space to allocate directory in buffer pool.

Text	Not enough space to allocate directory in buffer pool.
Expl.	The Natural buffer pool manager tried to initialize but failed to allocate space for the number of directory elements specified.
Actn.	Restart Natural with fewer directory elements (parameter NBPMDIRS).

NAT9983: Memory allocation for buffer pool failed.

Text	Memory allocation for buffer pool failed.
Expl.	The Natural buffer pool manager tried to initialize the buffer pool, but failed to allocate the requested amount of storage from the TP monitor or operating system. Perhaps the amount of storage reserved for the TP monitor or batch in the executing partition/region should be reduced.
Actn.	Restart with a smaller size (parameter NBPMSIZE).

NAT9984: Buffer pool text element size can only be 1, 2 or 4 KB.

Text	Buffer pool text element size can only be 1, 2, or 4 KB.
Expl.	The Natural buffer pool manager tried to initialize, and found that the requested size for the text blocks of the Natural programs is not 1, 2 or 4 KB.
Actn.	Apply ZAP again with correct size value.

NAT9985: Initialization routine for buffer pool not linked.

Text	Initialization routine for buffer pool not linked.
Expl.	The Natural buffer pool manager tried to initialize, but could not find the initialization routine.
Actn.	Relink the Natural buffer pool manager correctly.

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.

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 NATCONFIG), '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 NATCONFIG 30 = module NATCONFIG 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.

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.