

File

This section covers the following topics:

- File Maintenance
 - File Retrieval
 - File Active Retrieval
 - Administration Implemented File
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File Maintenance

The File Maintenance Menu is called with the command MAINTAIN FILE.

Overview of File Maintenance Functions and Commands

Function	Code	Command
Add a file	A	ADD FILE
Copy file	C	COPY FILE
Display file	D	DISPLAY FILE
Modify file	M	MODIFY FILE
Rename/Renumber file	N	RENAME FILE
Purge file	P	PURGE FILE
Edit description of a file	W	EDIT FILE DESCRIPTION
Edit elements of a file (see Note:)	E	EDIT FILE ELEMENT
Push backward	B	PUSH FILE
Link children	L	LINK FILE <active-association-type>
Edit owners of a file	O	EDIT FILE OWNER
Select file from a list	S	SELECT FILE
Modify Adabas attributes	J	MODIFY ADA-ATTR
Force standard	F	FORCE FILE
Modify Vista elements	K	MODIFY VISTA-FI
Edit Subquery of a File	Y	EDIT FILE SUBQUERY

Note:

The function Edit elements of a file does not appear on the File Maintenance Menu, but can still be called with function code E.

The command FORCE FILE is one of the few maintenance commands that can be executed in batch mode.

File Maintenance Parameters

Keyword	Field	Position
ID	File ID	1
<>	Copy ID	2

File-Specific Maintenance Commands

Note:

See also Standard Maintenance Commands.

Command	Description
RENAME FILE<file-ID>	<p>This command is used to modify the following file attributes in one transaction:</p> <ul style="list-style-type: none"> ● file ID ● file number ● file type ● master file ● logical distribution type ● Adabas C SQL usage <p>Note: These values cannot be changed with the Modify Database function.</p>
PUSH FILE<file-ID><copy-file-ID>	<p>The field definitions of the specified file are copied into the standard file according to the following rules:</p> <ul style="list-style-type: none"> ● If the field is already present in the standard file and a link exists between the specified file and the standard file, no action is taken ● If the field is already present in the standard file but no link exists, a link is established. ● If the field is not found in the standard file, it is copied and a link is established. <p>The standard file is specified in the field Copy file ID. The coupling of field definitions on different levels to ensure consistent data definitions is described in the section Rippling under File of the Predefined Object Types in Predict documentation.</p>
FORCE FILE<file-ID>	<p>Compares the coupled attributes of all fields defined in the specified standard file with the attributes of the coupled fields in other files. If attributes of coupled fields are different (and these fields are not marked as non-standard), change them to match the standard file.</p>
MODIFY ADA-ATTR <file-ID>	<p>Modifies the physical Adabas attributes of Adabas files.</p>
MODIFY VISTA-FI <file-ID>	<p>Modifies Vista attributes.</p>
EDIT FILE SUBQUERY <file-ID>	<p>Invokes the Subquery Editor, a modified Natural Editor which is used to edit the following:</p> <ul style="list-style-type: none"> ● Subquery clause of SQL view ● Derived field expression
EDIT FILE ELEMENT <file-ID>	<p>Reads the field list of the specified file into the source area and activates the full screen editor which supports many edit and line commands.</p>

File Retrieval

The File Retrieval Menu is called with RETRIEVE FILE.

Overview of File Retrieval Functions and Commands

Retrieval Type	Code	Default Output Mode	Command
Files	D	D	DISPLAY FILE
		L	LIST FILE
		S	SELECT FILE
		D	SHOW FILE
Execute retrieval models	E	T	EXECMODEL FILE
Dummy/Placeholder files	C	L	DUMMY FILE <passive-association-type>
Difference of files	A		DIFFERENCE FILE
Files with parents	B	D	PARENTS FILE <passive-association-type>
Files with no parent	O	L	FREE FILE ANY ALL <passive-association-type>
Files with children	T	D	CHILDREN FILE <active-association-type>
Files with no child	U	L	EMPTY FILE ANY ALL <active-association-type>
Files related to a file	R	L	RELATED FILE

File Retrieval Parameters

Keyword	Field	Position
ID	File ID	1
PARENT	Contained in DA	2
EXTERNAL	External name	3
RES	Restrictions	4
OUT	Output options	5
TYPE	Files of type	6
FNR	File number	7
MODEL	Model	8
MODE	Output mode	9

File-Specific Retrieval Commands

See also Standard Retrieval Commands.

Command	Description
DIFFERENCE FILE	<p>Compares files and displays the differences. The file attributes, the fields and the field attributes can be compared. The fields are compared using the field ID.</p> <p>If a userview is compared with its master file, however, the fields are compared by two-character Short name. The userview is always taken as first file, irrespective of which file is entered under FIRST-FILE.</p> <p>See the section File in the Predefined Object Types in Predict documentation for more information.</p>

Command	Description																																																											
Using DIFFERENCE FILE in Batch Mode	The parameters FIRST-FILE, SECOND-FILE, LIST and FILE-ATTR are mandatory. Each field attribute to be compared must be specified.																																																											
	<table border="1"> <thead> <tr> <th data-bbox="675 421 991 465">Keyword</th> <th data-bbox="991 421 1278 465">Field</th> <th data-bbox="1278 421 1439 465">Position</th> </tr> </thead> <tbody> <tr> <td data-bbox="675 465 991 510">FIRST-FILE;</td> <td data-bbox="991 465 1278 510">First file ID</td> <td data-bbox="1278 465 1439 510">1</td> </tr> <tr> <td data-bbox="675 510 991 555">SECOND-FILE;</td> <td data-bbox="991 510 1278 555">Second file ID</td> <td data-bbox="1278 510 1439 555">2</td> </tr> <tr> <td data-bbox="675 555 991 600">LIST</td> <td data-bbox="991 555 1278 600">List fields</td> <td data-bbox="1278 555 1439 600">3</td> </tr> <tr> <td data-bbox="675 600 991 645">FILE-ATTR</td> <td data-bbox="991 600 1278 645">Compare file attributes</td> <td data-bbox="1278 600 1439 645">4</td> </tr> <tr> <td data-bbox="675 645 991 689">ORDER;</td> <td data-bbox="991 645 1278 689">the order</td> <td data-bbox="1278 645 1439 689">5</td> </tr> <tr> <td data-bbox="675 689 991 734">EXISTENCE</td> <td data-bbox="991 689 1278 734">the existence</td> <td data-bbox="1278 689 1439 734">6</td> </tr> <tr> <td data-bbox="675 734 991 779">COMMENT</td> <td data-bbox="991 734 1278 779">abstract</td> <td data-bbox="1278 734 1439 779">7</td> </tr> <tr> <td data-bbox="675 779 991 824">OW;</td> <td data-bbox="991 779 1278 824">owner IDs</td> <td data-bbox="1278 779 1439 824">8</td> </tr> <tr> <td data-bbox="675 824 991 869">KEY</td> <td data-bbox="991 824 1278 869">keywords</td> <td data-bbox="1278 824 1439 869">9</td> </tr> <tr> <td data-bbox="675 869 991 913">DESC</td> <td data-bbox="991 869 1278 913">description</td> <td data-bbox="1278 869 1439 913">10</td> </tr> <tr> <td data-bbox="675 913 991 958">SYNONYM</td> <td data-bbox="991 913 1278 958">field name synonyms</td> <td data-bbox="1278 913 1439 958">11</td> </tr> <tr> <td data-bbox="675 958 991 1003">STANDARD</td> <td data-bbox="991 958 1278 1003">standard file</td> <td data-bbox="1278 958 1439 1003">12</td> </tr> <tr> <td data-bbox="675 1003 991 1048">VERIFICATION</td> <td data-bbox="991 1003 1278 1048">verification</td> <td data-bbox="1278 1003 1439 1048">13</td> </tr> <tr> <td data-bbox="675 1048 991 1093">ADABAS-SEC</td> <td data-bbox="991 1048 1278 1093">Adabas attributes</td> <td data-bbox="1278 1048 1439 1093">14</td> </tr> <tr> <td data-bbox="675 1093 991 1137">FIELD-DEF</td> <td data-bbox="991 1093 1278 1137">field definition</td> <td data-bbox="1278 1093 1439 1137">15</td> </tr> <tr> <td data-bbox="675 1137 991 1182">NATURAL</td> <td data-bbox="991 1137 1278 1182">Natural attributes</td> <td data-bbox="1278 1137 1439 1182">16</td> </tr> <tr> <td data-bbox="675 1182 991 1227">3GL-SPECIF</td> <td data-bbox="991 1182 1278 1227">specification for 3GL</td> <td data-bbox="1278 1182 1439 1227">17</td> </tr> <tr> <td data-bbox="675 1227 991 1272">VSAM</td> <td data-bbox="991 1227 1278 1272">VSAM attributes</td> <td data-bbox="1278 1227 1439 1272">18</td> </tr> <tr> <td data-bbox="188 1758 667 2029" rowspan="1">RELATED FILE<file-ID></td> <td data-bbox="667 1758 1447 2029"> <p data-bbox="675 1769 1062 1798">Lists the following types of objects:</p> <ul data-bbox="695 1827 1121 1924" style="list-style-type: none"> ● master files with their userviews ● userviews with their master files ● other userviews of these master files <p data-bbox="675 1955 1374 2018">For physical VSAM files the related logical VSAM files are also listed; for IMS segments the IMS segment layouts are also listed.</p> </td> </tr> </tbody> </table>	Keyword	Field	Position	FIRST-FILE;	First file ID	1	SECOND-FILE;	Second file ID	2	LIST	List fields	3	FILE-ATTR	Compare file attributes	4	ORDER;	the order	5	EXISTENCE	the existence	6	COMMENT	abstract	7	OW;	owner IDs	8	KEY	keywords	9	DESC	description	10	SYNONYM	field name synonyms	11	STANDARD	standard file	12	VERIFICATION	verification	13	ADABAS-SEC	Adabas attributes	14	FIELD-DEF	field definition	15	NATURAL	Natural attributes	16	3GL-SPECIF	specification for 3GL	17	VSAM	VSAM attributes	18	RELATED FILE<file-ID>	<p data-bbox="675 1769 1062 1798">Lists the following types of objects:</p> <ul data-bbox="695 1827 1121 1924" style="list-style-type: none"> ● master files with their userviews ● userviews with their master files ● other userviews of these master files <p data-bbox="675 1955 1374 2018">For physical VSAM files the related logical VSAM files are also listed; for IMS segments the IMS segment layouts are also listed.</p>
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File Active Retrieval

The File Active Retrieval Menu is called with ACTIVE FILE.

Overview of File Active Retrieval Functions and Commands

Retrieval Type	Code	Default Output Mode	Command
Files			see File Retrieval
Files ref. by members	R	L	REFERENCED FILE
		C	COUNT FILE
Files inconsistently used	U	L	UNUSED FILE
Files not documented	O	L	UNDEFINED FILE
Files accessed via dyn. SQL	V	L	DYNAMIC FILE

File Active Retrieval Parameters

Keyword	Field	Position
ID	File ID	1
PARENT	Contained in DA	2
RES	Restrictions	3
OUT	Output options	4
TYPE	Files of type	5
FNR	File number	6
USE	Usage	7
MASTER	For master files	8
SET	Save set	9
MODE	Output mode	not applicable

File-Specific Active Retrieval Commands

Command	Description
REFERENCED FILE	Lists for every referenced file all members using the file.
COUNT FILE	Shows for every referenced file a summary list which indicates for each library how many members use the file and the file usage, for example read or update. If members of more than one library use the file, the total usages are also given.
UNUSED FILE	Lists files that are not used by any member or which may be used incorrectly. Example: a file that is never updated or never read. If the parameter Usage is specified, only those files which are not used in this manner are shown.
UNDEFINED FILE	Lists files that are referenced by members but are not documented in Predict and have no DDM.
DYNAMIC FILE	Lists DB2 tables and views (file types D or E) that are used by Natural members but not via static SQL.

Administration Implemented File

The Administration Implemented File menu is called with ADMINISTRATE FILE.

Overview of File Administration Functions and Commands

Function	Code	Command
Disconnect implementation	C	DISCONNECT FDT
		DISCONNECT DDM
		DISCONNECT NDB
		DISCONNECT TABLE
		DISCONNECT ESQ
		DISCONNECT SN-FILE
		DISCONNECT NSC-FILE

Function	Code	Command
Display implementation	D	DISPLAY ADACMP
		DISPLAY ADAINV
		DISPLAY ADASCR
		DISPLAY ADAVSAM
		DISPLAY BAL
		DISPLAY COBOL
		DISPLAY DDM
		DISPLAY ESQ
		DISPLAY FORTRAN
		DISPLAY LANG-C
		DISPLAY PLI
		DISPLAY RULE
		DISPLAY TABLE
Rename implementation	N	RENAME ADACMP
		RENAME ADAINV
		RENAME ADASCR
		RENAME ADAVSAM
		RENAME BAL
		RENAME COBOL
		RENAME FORTRAN
		RENAME LANG-C
		RENAME PLI
		RENAME TABLE

Function	Code	Command
Purge implementation	P	PURGE ADACMP
		PURGE ADAINV
		PURGE ADASCR
		PURGE ADAVSAM
		PURGE BAL
		PURGE COBOL
		PURGE ESQ
		PURGE FDT
		PURGE FORTRAN
		PURGE LANG-C
		PURGE NDB
		PURGE NSC-FILE
		PURGE PLI
		PURGE SN-FILE
PURGE TABLE		
Refresh file	R	REFRESH FDT
		REFRESH TABLE
Select implementation	S	SELECT ADACMP
		SELECT ADAINV
		SELECT ADASCR
		SELECT ADAVSAM
		SELECT BAL
		SELECT COBOL
		SELECT DDM
		SELECT ESQ
		SELECT FDT
		SELECT FORTRAN
		SELECT LANG-C
		SELECT NDB
		SELECT NSC-FILE
		SELECT PLI
SELECT RULE		
SELECT SN-FILE		
SELECT TABLE		

File Administration Parameters

Keyword	Field	Position
ID	File ID	1
PARENT	Contained in DA	2
EXTERNAL	External name	3
MEM	Member	4
LIB	Library	5
MODIFIED	Only modified	6
RES	Restrictions	7
TYPE	Files of type	8
FNR	File number	9
PFNR	Phys Fnr	10
PDBNR	Phys DBnr	11

File-specific Administration Commands

See Standard Administration Commands.

Command	Description
REFRESH FILE	Deletes all records stored in Adabas files or DB2 tables/views. The data structure remains intact.
PURGE VISTATAB	Deletes entries in Vista translation tables. This function cannot be executed in batch mode.