

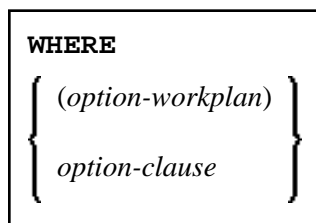
option-setting

The *option-setting* clause is used to change the default values of Object Handler command options.

The syntax that applies to the *option-setting* clause is shown and explained in the following section. The keywords and variable values contained in the syntax diagrams shown represent the parameters that are used to specify the default values. If indicated, a variable value must be supplied with a keyword.

- Syntax of option-setting
 - Keyword Explanation of option-setting
-

Syntax of *option-setting*



The syntax diagram that applies to *option-workplan* is shown and described in *Referencing Workplans* in the section *Workplans*.

The syntax of the *option-clause* is shown in the following section.

- Syntax of option-clause

Syntax of *option-clause*

| | | | | | | |
|---|-------------------------------------------|---------------------|-----------------|---|---------------------|---|
| [| <u>REPLACE</u> | { | <u>ALL</u> | } |] | |
| | | | <u>OBSOLETE</u> | | | |
| | | | <u>EXCEPT</u> | | | |
| [| <i>transfer-options</i> | | | |] | |
| | <i>internal-format-options</i> | | | | | |
| [| <u>NOREPORT</u> | | | |] | |
| | <u>NEWREPORT</u> [file-name] | | | | | |
| | <u>REPORT</u> [file-name] | | | | | |
| [| <u>BATCHREPORT</u> | | | |] | |
| [| <u>NORESTART</u> | | | |] | |
| | <u>RESTART</u> [restart-text-member] | | | | | |
| | [<u>NUMBERPROCESS</u> number] | | | | | |
| | [<u>FIXEDLENGTH</u>] | | | | | |
| | [<u>FDIC</u> (dbid,fnr,password,cipher)] | | | | | |
| | [<u>FSEC</u> (dbid,fnr,password,cipher)] | | | | | |
| [| { | <u>WORKFILETYPE</u> | } | { | <u>DEFAULT</u> | } |
| | | <u>WFTYPE</u> | | | <u>UTF-8</u> | |
| [| { | PC | } | | [file-name] |] |
| | | NEWPC | | | | |
| [| { | PCCOMMANDFILENUMBER | } | | command-file-number |] |
| | | PCCOM | | | | |
| | | PCCFN | | | | |

Separators

Commas must be used as separators between the values following the FDIC and FSEC keywords, or if a value is missing. For example: FDIC (10,21,,2a).

If the session parameter ID (see *ID - Input Delimiter Character* in the *Parameter Reference* documentation) has been set to a comma, use a slash (/) as the separator between values.

transfer-options

```

TRANSFER
[ CONVERSION-TABLE { SYSTEM-TABLE
                       USER-TABLE [conversion-program] } ]
[SUBSTITUTE]
[INCLUDE-LINE-NUMBERS]
[UPPERCASE-TRANSLATION]
[INCORPORATE-FREE-RULES]
[LOAD-CODE-PAGE code-page-name]
[DA-FORMAT data-area-format]
    
```

internal-format-options

```

[ XREF { ON
          OFF
          DOC
          FORCE
          SPECIAL } ]
[DELETEALLOWED]
[NOSYMBOLTABLE]
[VERSIONCHECK]
    
```

Keyword Explanation of *option-setting*

The keywords and the variable values (if relevant) of *option-setting* are explained in the following section:

| Option | Explanation | Restricted to Command |
|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| REPLACE | Replaces existing objects according to the option specified: ALL All objects (default setting). OBSOLETE All objects with a date older than the date of the object in the load file. EXCEPT All objects except those with a date newer than the date of the object in the load file. | LOAD LOADALL |

| Option | Explanation | Restricted to Command |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| TRANSFER | Set Transfer mode. The data is read and written in Transfer format. For valid options, see <i>Keyword Explanation of transfer-options</i> . | UNLOAD LOAD SCAN |
| NOREPORT | Specifies the report file setting: No data is recorded to a report file. This is the default setting for the FIND and FINDLIB commands. | |
| NEWREPORT | Specifies the report file setting: Report data is recorded and written to a Natural text member stored in the Workplan library. An existing file will be overwritten. | |
| REPORT | Specifies the report file setting: Report data is recorded and written to a Natural text member stored in the Workplan library. This is the default setting for the commands UNLOAD, LOAD, LOADALL, SCAN, SCANALL and DELETE. | |
| BATCHREPORT | Specifies the report setting for batch processing or when using the OBJHAPI Application Programming Interface: Report data is either written to SYSOUT or output on the screen respectively (report data is <i>not</i> written to a file). | |
| NORESTART | No restart information is written to a file. | LOAD |
| RESTART | Restart information is written to a Natural text member stored in the Workplan library. | LOAD |
| NUMBERPROCESS | Specifies the number of objects to be processed. The LOAD or SCAN command stops execution after the number specified. | LOAD SCAN |
| FIXEDLENGTH | Sets the format of the unload work file to a maximum record length of fixed size. Every data record contains 256 bytes if written in internal format, or 100 bytes in Transfer format. | UNLOAD |
| FDIC | Specifies the system file FDIC to be used for processing: the database ID (<i>dbid</i>), file number (<i>fnr</i>), password (<i>password</i>) and cipher code (<i>cipher</i>) of the Adabas file. If no values (or 0) are specified, the current FDIC system file is used. | UNLOAD LOAD DELETE |

| Option | Explanation | Restricted to Command |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| FSEC | <p>Specifies the system file FSEC to be used for processing:</p> <p>the database ID (<i>dbid</i>), file number (<i>fnr</i>), password (<i>password</i>) and cipher code (<i>cipher</i>) of the Adabas file.</p> <p>If no values (or 0) are specified, the current FSEC system file is used.</p> | UNLOAD LOAD DELETE |
| WORKFILETYPE or WFTYPE | <p>The work file type of Natural Work File 1 when data is read and written to the work file:</p> <p>DEFAULT Default binary work file.</p> <p>UTF-8 Unicode/UTF-F8 encoded binary work file.</p> <p>UTF-8 only applies to the unload function and if TRANSFER is specified.</p> <p>If UTF-8 is specified, you cannot use the options CONVERSION-TABLE, SUBSTITUTE and INCORPORATE-FREE-RULES.</p> <p>If WORKFILETYPE has not been specified, the current type is used.</p> | UNLOAD |
| PC NEWPC | <p>Only applies if Entire Connection is installed.</p> <p>Writes data to or reads data from an Entire Connection work file. <i>file-name</i> denotes the complete path name assigned to the Entire Connection work file. If your system environment does not accept a backslash (\) separator, use a slash (/) instead. If you do not specify <i>file-name</i>, Entire Connection prompts you for the name of a work file.</p> <p>If NEWPC is specified, the data unloaded overwrites the contents of the existing work file or fills a new work file from the top. Otherwise, the data is appended.</p> <p>See also <i>Work File Assignment</i> in <i>Work Files</i>.</p> | UNLOAD LOAD SCAN |
| PCCOMMANDFILENUMBER or PCCOM or PCCFN | <p>Only applies if Entire Connection is installed.</p> <p>Specifies the number of the work file that is used for processing Entire Connection commands.</p> <p>The default value is 8 for Work File 8, which must be defined as Entire Connection work file.</p> <p>See also <i>Work File Assignment</i> in <i>Work Files</i>.</p> | UNLOAD LOAD SCAN |

The keywords and the variable values (if relevant) of *transfer-options* and *internal-format-options* are explained in the following section:

- Keyword Explanation of transfer-options
- Keyword Explanation of internal-format-options

Keyword Explanation of *transfer-options*

When using the TRANSFER keyword, you can specify the following options:

| Option | Explanation | Restricted to Command |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| CONVERSION-TABLE | <p>Converts data processed in Transfer format by using either of the following conversion tables:</p> <p>SYSTEM-TABLE: The internal Natural conversion table.</p> <p>USER-TABLE: A user-defined conversion table if <i>conversion-program</i> has been specified. This program must be stored in the library SYSOBJH or one of its steplibs; see the example programs OTNCONAE and OTNCONEA in the library SYSOBJH.</p> | UNLOAD LOAD SCAN |
| SUBSTITUTE | <p>Replaces line references by labels during the unload in Transfer format.</p> <p>This option only applies if your source-code line numbers are used for statement references. If so, the line numbers of referenced lines and the line number references are replaced by labels. The sources are not modified in the database.</p> | UNLOAD |
| INCLUDE-LINE-NUMBERS | <p>Transfers line numbers during the unload in Transfer format.</p> <p>By default, line numbers in Natural objects are <i>not</i> unloaded.</p> | UNLOAD |
| UPPERCASE-TRANSLATION | <p>Translates any source code into upper case during the load in Transfer format.</p> <p>By default, source code in Natural objects is <i>not</i> translated.</p> | LOAD |
| INCORPORATE-FREE-RULES | <p>Incorporates source text of Predict free rules associated with a map into a map source during the unload in Transfer format if Predict is installed.</p> | UNLOAD |

| Option | Explanation | Restricted to Command |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| LOAD-CODE-PAGE | <p>Specifies the code page to be used for converting object sources encoded in Unicode/UTF-8 (Universal Transformation Format, 8-bit form).</p> <p>If you use this option, all object sources unloaded into a work file in UTF-8, will be converted with the specified code page when they are loaded into a work file.</p> <p>If you specify *CODEPAGE as <i>code-page-name</i> or if <i>code-page-name</i> is not specified, the value assigned to the system variable *CODEPAGE is used (see the <i>System Variables</i> documentation).</p> <p>If LOAD-CODE-PAGE is specified, you cannot use the options CONVERSION-TABLE and UPPERCASE-TRANSLATION.</p> | LOAD LOADALL |
| DA-FORMAT | Specifies format conversion of data area sources: see Data area format in <i>Transfer Options in Settings</i> . | UNLOAD LOAD |

Keyword Explanation of *internal-format-options*

When using *internal-format-options*, you can specify the following:

| Option | Explanation | Restricted to Command |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| XREF | <p>Only applies if Predict is installed.</p> <p>Loads or unloads XRef data of cataloged Natural objects. You can specify one of the following values:</p> <p>ON UNLOAD: Unloads cataloged objects and their cross-reference data (if any).</p> <p> LOAD: Loads cataloged objects and their cross-reference data if cross-references exist in the work file.</p> <p>OFF No XRef data is processed. This is the default.</p> <p>DOC Only applies to LOAD.</p> <p> Loads cataloged objects only if Predict entries exist for the objects in the FDIC system file.</p> <p>FORCE Only applies to LOAD.</p> <p> Loads cataloged objects and their cross-reference data only if cross-references exist in the work file and if Predict entries exist for the objects in the FDIC system file.</p> <p>SPECIAL Only applies to LOAD.</p> <p> Loads cataloged objects and their cross-reference data (if any).</p> | LOAD UNLOAD |
| DELETEALLOWED | Processes delete instructions from work files created by the utility NATUNLD when loading objects in internal format. | LOAD |

| Option | Explanation | Restricted to Command |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| NOSYMBOLTABLE | <p>Unloads cataloged Natural library objects without their corresponding internal Natural symbol tables.</p> <p>This will reduce the amount of disk storage required. However, this is only useful for a production environment, as several application development functions which require the symbol tables will then not be available; in addition, the profile parameter RECAT=ON (see the <i>Parameter Reference</i> documentation) will not apply.</p> | UNLOAD |
| VERSIONCHECK | <p>Checks the Natural version of the cataloged object to be loaded. The Natural version under which the objects were cataloged and written to the work file is compared with the current Natural version. Objects cataloged under a Natural version higher than the current one will be rejected.</p> <p>VERSIONCHECK can only be used if data is loaded in internal format, that is, if the TRANSFER option is <i>not</i> specified.</p> | LOAD |