

# Object Handler - Settings - Options

On the tabbed page Options of the Settings window you can specify the following:

Field	Explanation
Transfer format	<p>Only activated if "Use default options" (this is the default) or "Use additional options" has been selected. See below.</p> <p>Unload: The data to be unloaded is written in Transfer format into the work file.</p> <p>Load and scan: The data to be loaded or scanned are expected to be in Transfer format.</p>
Portable work file	<p>Not applicable to remote environments.</p> <p>Only activated if:</p> <ul style="list-style-type: none"> <li>• "Use default options" (this is the default) or "Use additional options" has been selected (see below) and</li> <li>• "Transfer format" has <b>not</b> been selected.</li> </ul> <p>If "Portable work file" has been selected, the work file is written or read in portable format. See also Work File Type in the section Define Work File in the Natural Statements documentation.</p>
Fixed length	<p>Only available with the unload function.</p> <p>See FIXEDLENGTH in Option-Setting in the section Direct and PROCEDURE Workplan (Commands).</p>
(Server) Unload/Load/Scan file	<p>Only activated if "Use default options" (this is the default) or "Use additional options" has been selected (see below).</p> <p>The name of the work file to be used for the function. See also the section Work Files.</p>
Browse	<p>Not applicable to server unload/load/scan files.</p> <p>Invokes the browse function to select a work file from a directory.</p>
Use default options	Default options are used (this is the default). See also Set Additional Options below.
Use additional options	Used in connection with Set (see below).
Set	<p>Only activated if "Use additional options" has been selected.</p> <p>Invokes the Options window where you can modify the default settings and enter additional options for the processing sequence. For the options available, see Set Additional Options below.</p>
Use Option Workplan	<p>A Workplan of the type OPTION is used. See also Workplans.</p> <p>In the input field, enter the name of a Workplan of the type OPTION, or choose a name from the drop-down list box.</p>
List (Option Workplan)	<p>Only activated if Use Option Workplan (see above) has been selected and the name of a valid Workplan of the type OPTION is entered.</p> <p>Displays the contents of the Workplan specified.</p>

The section below describes the windows and tabs that are associated with the tabbed page Options:

- Set Additional Options
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## Set Additional Options

Special unload options are set in the Additional Options window.

### To invoke the Additional Options window

- In the Settings window, on the tabbed page Options, select the option button "Use additional options" and choose the Set button.

The Additional Options window contains the tabs General, Special, Transfer and XREF. Note that not all of the tabs may appear on the screen, because they depend on the function used, the settings defined and the products installed.

The options provided on the tabbed pages are described below:

- General
- Special
- Transfer
- XREF

For a description of keywords and valid values, see also Option-Setting in the section Direct and PROCEDURE Workplan Syntax, Commands.

### General

The tabbed page General of the Additional Options window contains the sections Report, FDIC and FSEC where you can specify the following:

Field	Explanation								
Write report	<p>Writes a report of the objects processed to Work File 4.</p> <p>In remote environments, the report data is written into a Natural text member <b>stored</b> in the Workplan library.</p> <p>To display a report, select Show Report File from the Options menu. See also Reports in the section Tools.</p>								
Start new report	<p>Only activated if "Write report" has been selected.</p> <p>Deletes the contents of Work File 4 before a new report is written.</p>								
Use Report option in Find commands	<p>Only applies to the find function and if "Write report" has been selected.</p> <p>If activated, this option writes a report of the objects found by using the same report settings (for example, the name of the report file and the additional option "Start new report") specified for the unload, load or scan function.</p> <p>If this option has not been activated for the current find command, no report is written. In this case, the Show Report File option (see also Reports in the section Tools) will only display old report data of a previous find, unload, load or scan function, if performed.</p>								
Report file	<p>Only activated in local environments and if "Write report" has been selected.</p> <p>The name of a report file. Choose the Browse button to select a name from a directory.</p>								
FDIC	<p>Only applies if Predict is installed.</p> <p>With the FDIC option, you specify the Predict file (FDIC) used for processing XREF data:</p> <table border="0" data-bbox="459 1205 1396 1467"> <tr> <td style="padding-right: 20px;">DBID</td> <td>The database ID (DBID) where the FDIC file is located.</td> </tr> <tr> <td>FNR</td> <td>The file number (FNR) where the FDIC file is located.</td> </tr> <tr> <td>Password</td> <td>Optional. The Adabas password of the Adabas file where the FDIC file is located.</td> </tr> <tr> <td>Cipher key</td> <td>Optional. The cipher code of the Adabas file where the FDIC file is located.</td> </tr> </table>	DBID	The database ID (DBID) where the FDIC file is located.	FNR	The file number (FNR) where the FDIC file is located.	Password	Optional. The Adabas password of the Adabas file where the FDIC file is located.	Cipher key	Optional. The cipher code of the Adabas file where the FDIC file is located.
DBID	The database ID (DBID) where the FDIC file is located.								
FNR	The file number (FNR) where the FDIC file is located.								
Password	Optional. The Adabas password of the Adabas file where the FDIC file is located.								
Cipher key	Optional. The cipher code of the Adabas file where the FDIC file is located.								
FSEC	<p>Only applies if Natural Security is installed.</p> <p>With the FSEC option, you specify the Natural Security data file (FSEC) used for security checks:</p> <table border="0" data-bbox="459 1664 1396 1926"> <tr> <td style="padding-right: 20px;">DBID</td> <td>The database ID (DBID) where the FSEC file is located.</td> </tr> <tr> <td>FNR</td> <td>The file number (FNR) where the FSEC file is located.</td> </tr> <tr> <td>Password</td> <td>Optional. The Adabas password of the Adabas file where the FSEC file is located.</td> </tr> <tr> <td>Cipher key</td> <td>Optional. The cipher code of the Adabas file where the FSEC file is located.</td> </tr> </table>	DBID	The database ID (DBID) where the FSEC file is located.	FNR	The file number (FNR) where the FSEC file is located.	Password	Optional. The Adabas password of the Adabas file where the FSEC file is located.	Cipher key	Optional. The cipher code of the Adabas file where the FSEC file is located.
DBID	The database ID (DBID) where the FSEC file is located.								
FNR	The file number (FNR) where the FSEC file is located.								
Password	Optional. The Adabas password of the Adabas file where the FSEC file is located.								
Cipher key	Optional. The cipher code of the Adabas file where the FSEC file is located.								

## Special

The tabbed page Special contains the sections Replace, Load/Scan and Load where you can specify the following:

Field	Explanation
Replace all	Replaces all objects.
Do not replace	Does not replace any objects. This is the default.
Replace obsolete files (Objects???)	Replaces objects with a date older than the date of the objects in the load file.
Replace except newer	Replaces all objects except those with a date newer than the date of the objects in the load file.
Write restart information	<p>With this option, you can resume load functions that terminated abnormally.</p> <p>In local environments, the selection criteria, the options, the parameter settings and the objects already processed are written as restart information into Work File 6 (see "Restart file" below). In remote environments, this restart information is written into a Natural text member <b>stored</b> in the Workplan library. If the load function terminates before the work file has been processed completely, you can continue from the point of termination by using the restart function.</p> <p>See also Restart Load in the section Functions.</p>
Restart file	<p>Only applies to the load function in local environments and if "Write restart information" has been selected.</p> <p>The name of the work file to be used for the restart data: Work File 6 (default) or the <i>file-name</i> specified.</p> <p>Choose the Browse button to select a name from a directory.</p> <p>See also Restart Load in the section Functions.</p>
ADAFDU	<p>See ADAFDUWORKFILE in Option-Setting, Direct and PROCEDURE Workplan Syntax, in the section Commands.</p> <p>Choose the Browse button to select a name from a directory.</p>
Number of objects to process	<p>Specifies the number of objects to be processed.</p> <p>Enter a value with a maximum of 5 digits.</p> <p>If a value greater than 0 is specified, the load or scan function stops after the specified number of objects has been processed.</p> <p><b>Note:</b> If a cataloged Natural object is processed directly after the source object of the same name, they are considered one object.</p>

Field	Explanation
Use FDDM file for processing DDMs	<p>Only applies in environments where the FDDM system file has been activated in the NATPARM module.</p> <p>If this option has been activated (this is the default), the FDDM system file is used for processing DDMs with the load, unload or find function.</p> <p>Specify Natural library SYSTEM and Natural Type V (see Natural Library Object Details in the section Object Specification) for processing DDMs.</p> <p>If used with the load function, all DDMs are loaded into the FDDM system file. In this case, the parameter NEWLIBRARY is ignored.</p> <p>See also the syntax diagram of the Option-Clause in Option Setting in Direct and PROCEDURE Workplan Syntax in the section Commands.</p>

## Transfer

The tabbed page Transfer of the Additional Options window contains the sections Load, Conversion Table, Unload and Data Area Format.

The fields provided in these sections and the functions to which they apply are described below:

Option	Explanation	Function
Translate into upper case	Translates any source code to be loaded into upper case.	Load
Use conversion table	<p>Unload: Converts data into EBCDIC format by using the internal Natural conversion table (System table) or a conversion table defined by the user (User-defined table).</p> <p>Load: Converts data into ASCII format by using the internal Natural conversion table (System table) or a conversion table defined by the user (User-defined table). Note that this only applies if the data in the work file is in EBCDIC format or if a conversion program is specified (see User-defined table).</p>	Unload Load
System table	<p>Only activated if "Use conversion table" has been selected.</p> <p>Unload: Converts data into EBCDIC format by using the internal Natural conversion table.</p> <p>Load: Converts data into ASCII format by using the internal Natural conversion table.</p>	Unload Load

Option	Explanation	Function
User-defined table	<p>Only activated if "Use conversion table" has been selected.</p> <p>Specifies that a user-defined table is to be used for conversion.</p> <p>If the name of a conversion program has been entered in the field "Table Name for Load function" or "Table name for Unload function" (see below), data is converted into EBCDIC or ASCII format by using the conversion program defined.</p> <p>To specify an individual conversion program, the program must be <b>stored</b> in the library SYSOBJH or one of its steplib. See the example program OTNCONAE in the library SYSOBJH.</p> <p>If no conversion program is specified, by default, the corresponding conversion table in the Natural file NATCONV.INI is used for the unload ([ISO8859_1-&gt;EBCDIC] ) and the load ([EBCDIC-&gt;ISO8859_1]) functions.</p>	Unload Load
Table name for Load function	<p>Only activated if "User-defined table" has been selected.</p> <p>Enter the name of a user-defined conversion table.</p>	Load
Table name for Unload function	<p>Only activated if "User-defined table" has been selected.</p> <p>Enter the name of a user-defined conversion table.</p>	Unload
Substitute line references	<p>Only applies if source-code line numbers are used for statement references.</p> <p>If line numbers are used as references in the source code, the line numbers of referenced lines and the line number references are replaced with labels. The sources are not modified in the database.</p>	Unload
Include line numbers	<p>If you choose this option, the line numbers will be transferred. ( By default, line numbers in Natural objects are not transferred.)</p>	Unload
Incorporate free rules	<p>If Predict is installed, Predict rules associated with a map are incorporated into the map source.</p>	Unload
Leave data areas as they are	<p>Does <b>not</b> convert data area sources into internal data area format or Define Data format (see below). This is the default.</p>	Unload Load
Convert data areas to internal format	<p>Converts data area sources into internal data area format.</p>	Unload Load
Convert data areas to Define Data (in window klein???) format	<p>Converts data area sources into Define Data format (see also the relevant section in Data Area Editor in the Natural Editors documentation).</p>	Unload Load

## XREF

The tabbed page XREF of the Additional Options window contains the sections Load and Unload. XREF is only available when unloading or loading data in internal format, that is, if the check box "Transfer format" has **not** been selected. To process XREF data, Predict must be installed.

The fields provided in these sections and the functions to which they apply are described below:

<b>Field</b>	<b>Explanation</b>	<b>Function</b>
On	Unload: Unloads GPs (GPs = generated programs, that is, cataloged objects) and their cross-reference data, if any.  Load: Loads GPs and their cross-reference data if cross-references exist in the work file.	Unload Load
Off	Ignore XREF data.  No XREF data is processed.	Unload Load
Doc	Predict definition required.  Loads cataloged objects only if Predict entries exist for the objects in the FDIC system file.	Load
Force	XREF data and Predict definition required.  Loads GPs (GPs = generated programs) 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.	Load
Special	Load GPs and XREF data.  Loads GPs and their cross-reference data (if any).	Load