

# Object Specification - Natural-Related Objects

This section describes the options provided in the object-specification windows for processing Natural-related objects located on Windows, UNIX, OpenVMS or mainframe platforms. On Windows, UNIX and OpenVMS platforms, Natural-related objects are objects that exist in a Natural environment but are not located in Natural libraries, such as the Natural parameter module NATPARM, which is located in Natural path *PARM\_PATH*. On mainframe platforms, Natural-related objects are profiles, debug environments and DL/I subfiles.

Note that not all of the fields may appear in the object-specification windows because they depend on the object location, the version of the Natural Development Server installed, the type of object selected and the function used.

Process Natural-related objects in internal format, that is, do *not* select the **Transfer format** check box. See also *Work File Format* in the section *Work Files*.

For descriptions of keywords and valid input values, see also *select-clause* in the section *Direct Commands*.

This section covers the following topics:

- Natural-Related Objects - Windows, UNIX and OpenVMS
- Natural-Related Objects - Mainframes

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## Natural-Related Objects - Windows, UNIX and OpenVMS

The specification window for Natural-related objects located on Windows, UNIX or OpenVMS platforms provides the following items:

Item	Explanation
<b>Natural path</b>	<p>Enter the name of the path where the Natural-related object is located or select a path from the drop-down list box.</p> <p>Valid path names are:</p> <p><i>NATDIR, NATVERS, NATBIN, NATERR, NATSAG, PARM_PATH, PROFILE_PATH, TEXT_PATH, TMP_PATH.</i></p> <p>Load and scan: Enter the name of a path or asterisk (*) to select all paths.</p>
<b>Object name</b>	<p>The name of a Natural-related object.</p> <p>Load and scan: A single name or a range of names: see <i>Name in Name, Date and Time Specification.</i></p>
<b>Select</b>	Invokes the browse function to select a Natural-related object from a directory.
<b>Details</b>	Invokes the details window where you can enter further object specifications: see <i>Natural-Related Object Details - Windows, UNIX and OpenVMS.</i>
<b>Settings</b>	<p>Only applies to functions executed in advanced-user mode.</p> <p>Invokes the <b>Settings</b> window where you can specify option and parameter settings. See <i>Settings.</i></p>
<b>Unload file</b> or <b>Load file</b> or <b>Scan file</b>  (Server)	<p>Only applies to functions executed in advanced-user mode.</p> <p>The name of the work file to be used for the function.</p> <p>See also <i>Work Files.</i></p>
<b>Browse</b>	<p>Only applies to functions executed in advanced-user mode.</p> <p>Invokes the browse function to select a work file from a directory.</p>

This section covers the following topics:

- Natural-Related Object Details - Windows, UNIX and OpenVMS
- Natural-Related Object Exceptions - Windows, UNIX and OpenVMS

## Natural-Related Object Details - Windows, UNIX and OpenVMS

The details window is used to specify further selection criteria for Natural-related objects located on Windows, UNIX or OpenVMS platforms.

For descriptions of keywords and valid input values, see also *select-clause* in the section *Direct Commands.*

The details window for Natural-related objects located on Windows, UNIX or OpenVMS platforms provides the following items:

Item	Explanation
<b>Natural path</b>	See <b>Natural path</b> in <i>Natural-Related Objects - Windows, UNIX and OpenVMS</i> above.
<b>Object name</b>	See <b>Object name</b> in <i>Natural-Related Objects - Windows, UNIX and OpenVMS</i> above.
<b>Select</b>	Invokes the browse function to select an object from a directory.
Date: <b>Select all objects</b>	Selects all objects, regardless of their date.
Date: <b>Select objects modified between/and</b>	See <b>Date</b> in <i>Natural Library Object Properties</i> .
Date: <b>Select objects modified on</b>	See <b>Date</b> in <i>Natural Library Object Properties</i> .
Size: <b>Select all objects</b>	Selects all objects, regardless of their size.
Size: <b>Select objects with size between/and</b>	Selects all objects with a size within the range specified in the <b>Size</b> boxes: type a value for a start size and/or an end size.
Size: <b>Select objects with size</b>	Selects all objects with a size that fits the size specified in the <b>Size</b> box.
<b>Exceptions</b>	Invokes an extra window where you can specify exceptions to the selection of Natural-related objects: see <i>Natural-Related Object Exceptions - Windows, UNIX and OpenVMS</i> .  Once you have specified any exceptions, you can activate them by selecting the check box to the left of the <b>Exceptions</b> button, or deactivate them by removing the mark from the check box.

## Natural-Related Object Exceptions - Windows, UNIX and OpenVMS

The **Exceptions** window is used to specify exceptions to the selection of Natural-related objects located on Windows, UNIX or OpenVMS platforms.

All Natural-related objects that match the selection criteria specified in *Natural-Related Objects - Windows, UNIX and OpenVMS* and *Natural-Related Object Details - Windows, UNIX and OpenVMS* are checked against the specifications made in the **Exceptions** window for Natural-related objects. Objects that match *all* specifications defined as exceptions, are exempted from processing.

For descriptions of keywords and valid input values, see also *select-clause* in the section *Direct Commands*.

The **Exceptions** window for Natural-related objects located on Windows, UNIX or OpenVMS platforms provides the following items:

Item	Explanation
<b>Natural path</b>	See <b>Natural path</b> in <i>Natural-Related Objects - Windows, UNIX and OpenVMS</i> above.
<b>Object name</b>	See <b>Object name</b> in <i>Natural-Related Objects - Windows, UNIX and OpenVMS</i> above.
<b>Select</b>	Invokes the browse function to select an object from a directory.
Date: Ignore date	Performs no date check. Objects are processed, regardless of their date.
Date: <b>Exclude objects modified between/and</b>	See <b>Date</b> in <i>Natural Library Object Exception Properties</i> .
Date: <b>Exclude objects modified on</b>	See <b>Date</b> in <i>Natural Library Object Exception Properties</i> .
Size: <b>Ignore size</b>	Performs no size check. Objects are processed, regardless of their size.
Size: <b>Exclude objects with size between/and</b>	Exempts from processing all objects with a size within the range specified in the <b>Size</b> boxes: type a value for a start size and/or an end size.
Size: <b>Exclude objects with size</b>	Exempts from processing all objects with a size that fits the size specified in the <b>Size</b> box.

## Natural-Related Objects - Mainframes

The specification window for Natural-related objects located on mainframe platforms provides the following items:

Item	Explanation
<b>Object type</b>	The type of object to be processed:  <b>Profile</b> <b>Debug environment</b> <b>DL/I subfile</b>
<b>DBID</b> <b>FNR</b> <b>Password</b> <b>Cipher key</b>	Only applies to the unload function.  The database ID (DBID), file number (FNR), password and cipher code (cipher key) of the Adabas file where the objects are stored.  If no values (or 0) are specified, the current FNAT system file is used.
<b>Object name</b>	The name of the object.  Load and scan: A single name or a range of names: see <i>Name</i> in <i>Name, Date and Time Specification</i> .
<b>Details</b>	Invokes the details window where you can enter further object specifications: see <i>Natural-Related Object Details - Mainframes</i> .
<b>Settings</b>	Only applies to functions executed in advanced-user mode.  Invokes the <b>Settings</b> window where you can specify option and parameter settings. See <i>Settings</i> .
<b>Unload file</b> or <b>Load file</b> or <b>Scan file</b>  (Server)	Only applies to functions executed in advanced-user mode.  The name of the work file to be used for the function.  See also <i>Work Files</i> .
<b>Browse</b>	Only applies to functions executed in advanced-user mode.  Invokes the browse function to select a work file from a directory.

This section covers the following topics:

- Natural-Related Object Details - Mainframes
- Natural-Related Object Exceptions - Mainframes

## Natural-Related Object Details - Mainframes

The details window is used to specify further selection criteria for Natural-related objects located on mainframe platforms.

For descriptions of keywords and valid input values, see also *select-clause* in the section *Direct Commands*.

The details window for Natural-related objects located on mainframe platforms provides the following items:

Item	Explanation
<b>Object type</b>	See <b>Object type</b> in <i>Natural-Related Objects - Mainframes</i> above.
<b>DBID</b> <b>FNR</b> <b>Password</b> <b>Cipher key</b>	See <b>DBID/FNR</b> in <i>Natural-Related Objects - Mainframes</i> above.
<b>Object name</b>	See <b>Object name</b> in <i>Natural-Related Objects - Mainframes</i> above.
<b>Subtype</b>	<p>Applies to profiles and DL/I subfiles.</p> <p>The type(s) of profile or the type(s) of DL/I subfile to be processed:</p> <p><b>Device profile</b> <b>Editor profile</b> <b>Map profile</b> <b>Parameter profile</b></p> <p><b>NSB subfile</b> <b>NDB subfile</b></p>
<b>Library</b>	<p>Applies to debug environments.</p> <p>The name of a library or a range of names: see <i>Name</i> in <i>Name, Date and Time Specification</i>.</p> <p>To choose a name from a selection list of all libraries available, open the drop-down list box.</p>
<b>Exceptions</b>	<p>Invokes an extra window where you can specify exceptions to the selection of Natural-related objects: see <i>Natural-Related Object Exceptions - Mainframes</i>.</p> <p>Once you have specified any exceptions, you can activate them by selecting the check box to the left of the <b>Exceptions</b> button, or deactivate them by removing the mark from the check box.</p>

## Natural-Related Object Exceptions - Mainframes

The **Exceptions** window is used to specify exceptions to the selection of Natural-related objects located on mainframe platforms.

All Natural-related objects that match the selection criteria specified in *Natural-Related Objects - Mainframes* and *Natural-Related Object Details - Mainframes* are checked against the specifications made in the **Exceptions** window for Natural-related objects on mainframes. Objects that match *all* specifications defined as exceptions, are exempted from processing.

For descriptions of keywords and valid input values, see also *select-clause* in the section *Direct Commands*.

The **Exceptions** window for Natural-related objects located on mainframe platforms provides the following items:

<b>Item</b>	<b>Explanation</b>
<b>Object type</b>	See <b>Object type</b> in <i>Natural-Related Objects - Mainframes</i> above.
<b>DBID</b> <b>FNR</b> <b>Password</b> <b>Cipher key</b>	See <b>DBID/FNR</b> in <i>Natural-Related Objects - Mainframes</i> above.
<b>Object name</b>	See <b>Object name</b> in <i>Natural-Related Objects - Mainframes</i> above.
<b>Subtype</b>	See <b>Subtype</b> in <i>Natural-Related Object Details - Mainframes</i> above.
<b>Library</b>	See <b>Library</b> in <i>Natural-Related Object Details - Mainframes</i> above.