

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

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
Natural path	Enter the name of the path where the Natural-related object is located or select a path from the drop-down list box. Valid path names are: <i>NATDIR, NATVERS, NATBIN, NATERR, NATSAG, PARM_PATH, PROFILE_PATH, TEXT_PATH, TMP_PATH.</i> Load and scan: Enter the name of a path or asterisk (*) to select all paths.
Object name	The name of a Natural-related object. Load and scan: A single name or a range of names: see <i>Name in Name, Date and Time Specification.</i>
Select	Invokes the browse function to select a Natural-related object from a directory.
Details	Invokes the details window where you can enter further object specifications: see <i>Natural-Related Object Details - Windows, UNIX and OpenVMS.</i>
Settings	Only applies to functions executed in advanced-user mode. Invokes the Settings window where you can specify option and parameter settings. See <i>Settings.</i>
Unload file or Load file or Scan file (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>
Browse	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 - 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
Natural path	See Natural path in <i>Natural-Related Objects - Windows, UNIX and OpenVMS</i> above.
Object name	See Object name in <i>Natural-Related Objects - Windows, UNIX and OpenVMS</i> above.
Select	Invokes the browse function to select an object from a directory.
Date: Select all objects	Selects all objects, regardless of their date.
Date: Select objects modified between/and	See Date in <i>Natural Library Object Properties</i> .
Date: Select objects modified on	See Date in <i>Natural Library Object Properties</i> .
Size: Select all objects	Selects all objects, regardless of their size.
Size: Select objects with size between/and	Selects all objects with a size within the range specified in the Size boxes: type a value for a start size and/or an end size.
Size: Select objects with size	Selects all objects with a size that fits the size specified in the Size box.
Exceptions	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 Exceptions 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
Natural path	See Natural path in <i>Natural-Related Objects - Windows, UNIX and OpenVMS</i> above.
Object name	See Object name in <i>Natural-Related Objects - Windows, UNIX and OpenVMS</i> above.
Select	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: Exclude objects modified between/and	See Date in <i>Natural Library Object Exception Properties</i> .
Date: Exclude objects modified on	See Date in <i>Natural Library Object Exception Properties</i> .
Size: Ignore size	Performs no size check. Objects are processed, regardless of their size.
Size: Exclude objects with size between/and	Exempts from processing all objects with a size within the range specified in the Size boxes: type a value for a start size and/or an end size.
Size: Exclude objects with size	Exempts from processing all objects with a size that fits the size specified in the Size box.

Natural-Related Objects - Mainframes

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

Item	Explanation
Object type	The type of object to be processed: Profile Debug environment DL/I subfile
DBID FNR Password Cipher key	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.
Object name	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> .
Details	Invokes the details window where you can enter further object specifications: see <i>Natural-Related Object Details - Mainframes</i> .
Settings	Only applies to functions executed in advanced-user mode. Invokes the Settings window where you can specify option and parameter settings. See <i>Settings</i> .
Unload file or Load file or Scan file (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> .
Browse	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
Object type	See Object type in <i>Natural-Related Objects - Mainframes</i> above.
DBID FNR Password Cipher key	See DBID/FNR in <i>Natural-Related Objects - Mainframes</i> above.
Object name	See Object name in <i>Natural-Related Objects - Mainframes</i> above.
Subtype	<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>Device profile Editor profile Map profile Parameter profile</p> <p>NSB subfile NDB subfile</p>
Library	<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>
Exceptions	<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 Exceptions 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:

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