Unload Wizard

This section provides instructions for using the unload wizard and describes the items available in wizard windows.

▶ **To start the unload wizard**

- In the **Welcome to the Natural Object Handler** window, remove the mark from the **Advanced user** check box and choose the **Unload** command button.

  Or:
  From the **Actions** menu, choose **Unload**.

  The initial **Unload Wizard** window appears.

  The options provided in the **Unload Wizard** window are described in this section.

- Unload Objects into Natural Work File(s)

- Find Objects

- Start Object Handler Command Procedure

Unload Objects into Natural Work File(s)

With the wizard function **Unload objects into Natural work file(s)**, you are guided through the sequence of windows described below, where you can specify option and parameter settings and the type of object for the unload to be performed:

- Set Options

- Set Parameters

- Select Objects

Set Options

In the options window of the unload wizard, select any of the options to be used for function processing and, if required, fill the text box:

Item	Explanation
Transfer format	Only valid if **Use default options** (this is the default) or **Use additional options** has been selected (see below). If selected, the data to be processed is written in Transfer format to the work file. See also *Work File Format* in *Work Files*.

Item	Explanation
Local work file	Only applies to remote environments.
	Only valid if **Use default options** (this is the default) or **Use additional options** has been selected (see below).
	Specifies the location of the work file when using Object Handler functions in connection with SpoD (Single Point of Development). If **Local work file** is selected, the data to be processed is written to the specified work file in the local file system.
	See also WFLOC in *Direct Commands*.
Portable work file	Not applicable to work files located in a remote environment on a mainframe platform.
	This option is only valid if the following applies:
	• **Use default options** (this is the default) or **Use additional options** has been selected (see below).
	• **Transfer format** has *not* been selected.
	If **Portable work file** has been selected, the work file is written or read in portable format. See also *Work File Format* in *Work Files*.
Unicode work file	Only applies if **Transfer format** has been selected.
	If this option is selected, all object sources are converted to Unicode/UTF-8 (Universal Transformation Format, 8-bit form) before they are written to the work file.
Fixed length	See FIXEDLENGTH in *Direct Commands*.
Unload file (Server)	Only valid if **Use default options** (this is the default) or **Use additional options** has been selected. See below.
	The name of the work file to be used for the function. See also *Work Files*. On mainframes, the current Work File 1 is used as the default unload file.
Browse	Not applicable to server unload files.
	Invokes the browse function to select a work file from a directory.
Use default options	Default options are used (this is the default). For the options available, see *Set Additional Options* in *Settings - Options*.
Use additional options	Used in connection with **Set** (see below).
Set	Only activated if **Use additional options** has been selected.
	Invokes the **Unload Options** window where you can modify the default settings and enter additional options for the processing sequence. See also *Set Additional Options* in *Settings - Options*.

Item	Explanation
Use Option Workplan	If selected, a Workplan of the type OPTION is used.
	Select a Workplan from the combo box or type the name of a Workplan of the type OPTION.
	See also *Workplans*.
List	Only valid if **Use Option Workplan** (see above) has been selected and the name of a valid Workplan of the type OPTION was entered.
	Displays the contents of the Workplan specified.

Set Parameters

Applies to the unload function only.

In the parameters window of the unload wizard, select any of the options to be used for function processing and, if required, fill the text box:

Item	Explanation
Do not use parameters	If selected (default setting), no parameters are set.
Use global parameters	If selected, global parameters are used. See also *Set Global Parameters* in *Settings*.
Set	Only activated if **Use global parameters** has been selected.
	If selected, the global parameters window is invoked. See *Set Global Parameters* in *Settings* and *parameter-setting* (*Direct Commands*) for descriptions of keywords and valid values.
Use Parameter Workplan	If selected, a Workplan of the type PARAMETER is used.
	Select a Workplan from the combo box or type the name of a Workplan of the type PARAMETER.
	See also *Workplans*.
List	Only valid if **Use Parameter Workplan** (see above) has been selected and the name of a valid Workplan of the type PARAMETER was entered.
	Displays the contents of the Workplan specified.

Select Objects

Note:
You cannot unload Natural-related objects or external files in remote environments located on mainframe platforms. Natural DDMs can *only* be unloaded in remote environments located on mainframe platforms.

In the object type specification window, choose either of the following methods to specify the type of object you want to process:

1. **Direct Specification**
   Select one of the following types of object:

   - Natural library objects

   - Natural system error messages

   - Natural command processor sources

   - Natural-related objects

   - External files

   - FDTs

   - Natural DDMs

   Depending on the type of object selected, a window appears where you can specify selection criteria for the objects to be processed.

   Specify the objects and choose **Details** (if available for the type of object selected) for more detailed specifications, if required. For the keywords and valid values that apply to each object type, see the relevant explanations in the section *Object Specification*.

2. **Using a Workplan**
   Select **Use Selection or List** if you want to use a Workplan of the type SELECTION or LIST that predefines object selection criteria: see the section *Workplans* for more information.

   In the **Selection or List** window, enter the name of a Workplan of the type SELECTION or LIST by using either option:

   - Type in the name of a Workplan.

     Or:
     From the drop-down list box, choose a name from the list of Workplans available.

   Choose the **List** command button if you want to list the contents of the Workplan specified.

Find Objects

The wizard function **Find objects** is used to locate objects in your Natural environment and generate a report list of the objects found.

Find objects guides you through the same sequence of windows and the same setting or object specification options as described earlier for the wizard function **Unload objects into Natural work file(s)** above. Settings or specifications that only apply to the unload function (for example, unload file) are excluded from the respective windows.

The report generated by the **Find objects** function contains several table columns with information on the objects listed. For information on the table columns, refer to the section *Object Specification*.

For general information on the execution of the find command and possible error messages, choose the **Details** button. See also *Last Result* in the section *Tools*.

Start Object Handler Command Procedure

Choose the function **Start Object Handler command procedure** if you want to execute a standard procedure (Workplan) of the type PROCEDURE with predefined settings and object specifications for the unload function to be performed. See also the section *Workplans* for further information.

▶ **To start and execute an Object Handler command procedure**

1. In the initial **Unload Wizard** window, choose **Start Object Handler command procedure**.

   The procedure window appears.

2. In the field **Procedure name**, enter the name of a Workplan of the type PROCEDURE (see also *Workplans*) by using either option:

   - Type in the name of a Workplan.

     Or:
     From the drop-down list box, choose a name from the list of Workplans available.

   - Choose the **List** command button if you want to display the contents of the Workplan specified.

3. Confirm the contents of the PROCEDURE Workplan and execute the transaction.