Administration

This function is used to maintain Object Handler Workplans.

For information on Workplans and the syntax that applies, refer to the sections *Workplans* and *Direct Commands*.

The Object Handler provides the option to use the administration wizard which determines the processing sequence, or to use the administration function for advanced users.

Note that you can set the default library for Workplans by using the **Workplan-Library** entry of the **Profile** option. See also the section *Profile Settings*.

Note:
The administration wizard offers a restricted set of administration functions that does not provide the option to create, modify, delete, export or import Workplans. To get the full set of administration functions, activate advanced-user mode.

This section covers the following topics:

- Administration Wizard

- Advanced User Administration

- Change Workplan Library

Administration Wizard

The administration wizard provides the **Next** and **Back** command buttons to navigate between the windows (steps). Use the **Cancel** command button to cancel the processing sequence.

▶ **To invoke the administration wizard**

- In the **Welcome to the Natural Object Handler** window, remove the mark from the **Advanced user** check box if required (not selected by default) and choose the **Administration** button.

    The **Administration Wizard** window appears.

Instructions for using the functions provided in the **Administration Wizard** window are explained in the following section:

- List and Check Workplan

- Start Object Handler Command Procedure

- Change Workplan Library

List and Check Workplan

This function is used to list the contents of all Workplans that are available in the Workplan library.

▶ **To list and check Workplans**

1. In the initial **Administration Wizard** window, choose **List and Check Workplan**.

    A window appears with the text boxes **Workplan Name** and **Workplan Type**.

2. Enter the name of a Workplan.

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

3. Choose the **Next** command button.

    A window appears with the contents of the Workplan specified.

4. Choose the **Next** command button.

    The Object Handler checks the syntax and displays the result.

    Note that this step does not apply to Workplans of the types TEXT and LIST.

5. Choose the **Next** command button.

    The initial **Administration Wizard** window appears.

Start Object Handler Command Procedure

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

    A window appears with the **Procedure name** text box.

2. Enter the name of a Workplan of the type PROCEDURE.

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

3. Choose the **Next** command button.

    A window appears with the contents of the Workplan specified.

4. Choose the **Next** command button.

    The Object Handler executes the command procedure and displays the result.

5. Choose the **Next** command button.

    The initial **Administration Wizard** window appears.

Change Workplan Library

For instructions, see the corresponding function *Change Workplan Library* described in *Advanced User Administration*.

Advanced User Administration

▶ **To invoke the administration function in advanced-user mode**

- In the **Welcome to the Natural Object Handler** window, select the **Advanced user** check box and choose the **Administration** button.

  The **Administration** window appears with a table of all Workplans available in your Workplan library (see also *Change Workplan Library* below).

  The following columns are provided:

Column	Explanation
Name	The name of the Workplan.
Type	The type of Workplan: see *Types of Workplan* in the section *Workplans*.
Description	The description of the Workplan.
User	The ID of the user who last modified the Workplan.
Date	The date and time of the last modification.

  If the Workplan library does not contain any Workplan, the table is empty.

▶ **To terminate the administration function in advanced-user mode**

- From the **Object** menu, choose **Close**.

  Or:
  Choose the standard Windows close button.

This section covers the following topic:

- Advanced User Administration Table

Advanced User Administration Table

Listed below are the options provided in the Workplan table, along with explanations and instructions on how to apply them to a Workplan:

Option	Explanation/Instruction
Sort Objects	Sorts Workplans by the columns **Name**, **Type**, **Description**, **User** or **Date**. Select the entire column by which you want to sort the table and double-click on this column. Alternatively, select the column by which you want to sort the table and, from the context or **Edit** menu, choose **Sort Objects**.
New Workplan	Creates a new Workplan. From the **Object** menu, select **New Workplan** and the type of Workplan. Depending on the editing option chosen by selecting or not selecting **Free Format Editing** from the **Options** menu, the following applies: ● With **Free Format Editing** selected (activated), or if you create a Workplan of a type other than OPTION, PARAMETER or SELECTION, a window with an edit area appears. Enter the contents of the Workplan. ● With **Free Format Editing** not selected (deactivated; this is the default), windows with input and selection options are provided for Workplans of the type OPTION, PARAMETER or SELECTION. Select the required check boxes and option buttons and fill the text boxes. For information on the syntax used, see the section *Direct Commands*.
Edit	Modifies an existing Workplan. Select the Workplan required and double-click on it. Alternatively, select the Workplan required and, from the context or **Object** menu, choose **Edit**.
Open Workplan	Selects and opens a Workplan from a list of all Workplans available. From the **Object** menu, choose **Open Workplan** and, in the Workplan window, enter the name of a Workplan or select a Workplan from the drop-down list box. In the window provided, you can edit the Workplan. For information on the syntax used, see the section *Direct Commands*.
Delete	Deletes a Workplan. Select the Workplan required and, from the context or **Object** menu, choose **Delete**.
Check	Verifies that the correct syntax is used in a Workplan. Select the Workplan required and, from the context or **Object** menu, choose **Check**. Note that the **Check** option does not apply to Workplans of the type TEXT or LIST.
Execute	Executes a Workplan of the type PROCEDURE. Select the Workplan required and, from the context or **Object** menu, choose **Execute**.
Import	Imports a Workplan into the file system. Select any Workplan and, from the context or **Object** menu, choose **Import**.

Option	Explanation/Instruction
Export	Exports a Workplan from the file system. Select one or more Workplans and, from the context or **Object** menu, and choose **Export**.

Change Workplan Library

This function is used to change the Workplan library. All Workplans must be stored in a Workplan library, as otherwise Workplans cannot control data processing, such as the function Select OPTION Workplan.

This section covers the following topics:

- Local Environments

- Remote Environments

Local Environments

▶ **To change the Workplan library in a local environment**

1. From the **Actions** menu, choose **Change Workplan Library**.

   Or:
   Using the administration wizard, in the initial **Administration** window, select the option button **Change Workplan library** and then choose the **Next** command button.

   A window appears with the following items:

Item	Explanation
Library	The name of the Workplan library. Default is the library WORKPLAN. From the drop-down list box, choose the name of a Workplan library available.
DBID	Specifies the database ID where the Workplan library is located. If no values are specified, the current FUSER or FNAT system file is used.
FNR	Specifies the file number where the Workplan library is located. If no values are specified, the current FUSER or FNAT system file is used.

2. Enter or select the data required.

3. Choose the **OK** command button.

   Or:
   Using the administration wizard, choose the **Next** command button.

   The Workplan library has been changed, and the window appears from where the function **Change Workplan Library** was invoked (for the administration wizard, this is the initial **Administration** window).

Remote Environments

In remote environments, the function **Change Workplan Library** also provides the option to specify permanent files for reports, traces and restarts of load functions (see also the sections *Tools* and *Restart Load*).

In remote environments, report, trace and restart data is written to Natural objects (members) of the type Text in the Workplan library. The Object Handler assigns them temporary names and automatically deletes them after two days. When using **Change Workplan Library** with the **Use permanent text member** check box selected, data can be stored in permanent text members that are kept until overwritten by new data or intentionally deleted by the user.

▶ **To change the Workplan library in a remote environment and specify permanent record files**

1. In the initial **Administration** window, choose the option button **Change Workplan library**.

   A window appears with the following items:

Item	Explanation
Library	See **Library** above.
DBID	See **DBID** above.
FNR	See **FNR** above.
Password	The Adabas password of the Adabas file where the Workplan library is located.
Cipher key	The Adabas cipher code of the Adabas file where the Workplan library is located.
Work file text members	To specify a text member for storing report, restart or trace data, select the relevant **Use permanent text member** check box and enter the name of a Natural object of the type Text in the corresponding text box: For report data, see also *Reports* in the section *Tools*. For restart data, see also the section *Restart Load*. For trace data, see also *Traces* in the section *Tools*.

2. Enter the data required and confirm your changes by choosing the **OK** command button or by choosing ENTER.