

Workplans

Workplans are used to define individual standard procedures to further automate the load and unload process. Workplans are Natural objects of the type Text. They are, by default, stored in the library WORKPLAN located in the current FUSER system file.

With the Administration function (see the relevant section) or Object Handler direct commands (see Direct and PROCEDURE Workplan Commands), you can create and select workplans or change the default library for workplans.

To change the default library, you may also use the SYSOBJH profile by setting the option Workplan-Library (see SYSOBJH Profile).

The types of workplans are explained below. The commands that apply to each workplan and the clauses used are explained in Direct and PROCEDURE Workplan Syntax (see the section Commands):

Workplan	Contents
SELECTION	Select-Clause
LIST	Object List
PARAMETER	Parameter-Setting
PROCEDURE	Object Handler procedure
TEXT	Commentary text

Below is information on:

- Types of Workplans
- Referencing Workplans
- Workplan Examples
- Columns and Commands

Types of Workplans

A workplan consists of a header and the corresponding information. In addition, comments and comment lines (identified by "/*") can be inserted. The header identifies the type of workplan and may contain a comment line with the short description of the workplan.

There are six types of workplans which are explained below: PROCEDURE, SELECTION, LIST, PARAMETER , OPTION and TEXT.

Header	Contents
TYPE PROCEDURE	A sequence of fully-specified commands separated by semicolons (;). The Object Handler can be started in batch mode to perform the PROCEDURE. It may contain any combination of Object Handler commands available for PROCEDURE. See also Direct and Procedure Workplan Commands (section Commands).
TYPE SELECTION	A selection criterion for objects. It can be used in Object Handler workplan commands as described in Select-Clause in the section Direct and PROCEDURE Workplan Syntax, Commands.
TYPE LIST	A list of objects. It can be used in used in Object Handler workplan commands as described in Object List in the section Direct and PROCEDURE Workplan Syntax, Commands.
TYPE PARAMETER	LOAD or UNLOAD parameters, for example, old and new name. It can be used in Object Handler workplan commands as described in Parameter-Setting in the section Direct and PROCEDURE Workplan Syntax, Commands.
TYPE OPTION	LOAD or UNLOAD options, for example, report settings. It can be used in Object Handler workplan commands as described in Option-Setting in the section Direct and PROCEDURE Workplan Syntax, Commands.
TYPE TEXT	Any commentary text that can be used for documentation.

Referencing Workplans

Whenever an Object Handler workplan is referenced, the following syntax applies:

```

( workplan-name
  [LIBRARY library-name]
  [DBID dbid [FNR fnr] ] [NAME vsam-name]
  [CIPHER cipher]
  [ { PASSWORD
      PSW      } password ]
)

```

Description of the keywords and the valid values for the single items:

Keyword	Values	Default Value
<i>workplan-name</i>	A valid Natural object name.	No default
LIBRARY	A valid Natural library name where the workplan is located.	WORKPLAN
DBID	A valid DBID.	0 (current FNAT/FUSER)
FNR	A valid FNR.	0 (current FNAT/FUSER)
NAME	Only applies to objects on mainframes. A valid VSAM name.	blank (current FNAT/FUSER)
CIPHER	Only applies to objects on mainframes. An 8-digit cipher code.	blank (current FNAT/FUSER)
PASSWORD	Only applies to objects on mainframes. An 8-character Adabas password.	blank (current FNAT/FUSER)

Workplan Examples

The following table contains examples for the contents of work files.

For details, see the corresponding topics in the section Commands:

- Direct and PROCEDURE Workplan Commands,
- Select-Clause, Direct and PROCEDURE Workplan Syntax,
- Parameter-Setting, Direct and PROCEDURE Workplan Syntax,
- Option-Setting, Direct and PROCEDURE Workplan Syntax.

Type	Example	Explanation
PROCEDURE	FINDLIB * LIB TEST	Check for existence of library TEST.
PROCEDURE	UNLOAD A* LIB TEST	Unload from library TEST into Work File 1 all Natural programming objects starting with A, and all user-defined error messages; write the report into Work File 4.
SELECTION	* LIB TEST	Process all objects from library TEST.
TEXT	A text member may contain any text, comment, etc.	Text members are used for documentation purpose or comments.

Columns and Commands

The List Workplans screen of the Administration function (see the relevant section) provides the following columns and commands:

Column	PF Key	Explanation
Cmd		<p>The following line commands can be entered in the input field next to the workplan desired:</p> <p>C Only applies to workplans of the types PROCEDURE, SELECTION, PARAMETER and OPTION.</p> <p>CH Checks the syntax.</p> <p>DE Deletes the workplan.</p> <p>ED Edits the workplan.</p> <p>EX Executes the workplan. Only applies to workplans of the type PROCEDURE.</p> <p>L Lists the workplan.</p> <p>LI</p> <p>S Selects the workplan.</p> <p>SE</p>
Name		Lists all Natural objects of the type Text and provides the option to enter a range of object names in the input fields of the first row: see also (*) Name.
Type		<p>The type(s) of the workplans. Valid entries are:</p> <p>PROCEDURE or P</p> <p>SELECTION or S</p> <p>LIST or L</p> <p>PARAMETER or A</p> <p>OPTION or O</p> <p>TEXT or T</p> <p>or any combination of the short types, for example, SL.</p>
Description		Description range of the workplans listed: see (*) Name.
User ID		<p>Only displayed with PF5.</p> <p>The ID of the user who created the workplan. Specify a single user ID or a range: see also (*) Name.</p>
Date		<p>Only displayed with PF5.</p> <p>A date or a range: see (*) Date.</p>
Time		<p>Only displayed with PF5.</p> <p>A time or a range: (*) Time.</p>
	PF4	Switches from the additional information (PF5) to the standard display.
	PF5	Displays additional information: user ID, date and time (see the relevant explanation above).
	PF6	Moves to the top of the list.

Column	PF Key	Explanation
	PF7	Returns to the previous page.
	PF8	Goes to the next page.
	PF9	Moves to the bottom of the list.

* The cross-reference in the table above regarding the name, date and time parameters refer to the section Name, Date and Time Specification.