

General Information - GUIs

The Natural Object Handler consists of the utility SYSOBJH which is located in the library SYSOBJH, and the direct command interface.

Below is information on:

- Invoking the Natural Object Handler
 - Batch or Direct Command Calls
 - Natural Security
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Invoking the Natural Object Handler

There are two ways of invoking the Object Handler for interactive usage:

To invoke the Object Handler online from any Natural library

- On the Natural main window, in the command line, enter the system command SYSOBJH.
Or, from the Tools menu, choose Development Tools and Object Handler.
The Natural Object Handler welcome window is displayed.

The Object Handler welcome window offers the following functions:

- Unload
- Load
- Administration

Choose the function desired either by choosing the corresponding command button or by selecting the corresponding function from the Actions menu. Activate the Advanced User check box if you do not want to use the Object Handler wizard for function processing. See the section Functions for further details.

In addition to the functions above, the Actions menu provides the following:

- View
- Restart Load
- Change Workplan Library

(These functions are also described in the section Functions.)

To invoke the Object Handler in Batch or Direct Command Online Mode

- Enter the system command SYSOBJH followed by a direct command (see also Batch or Direct Command Calls below and the section Commands).
After execution of a direct command, you can enter either another direct command or exit the Object Handler.

Batch or Direct Command Calls

For direct commands and in batch mode, to call the Object Handler, enter the system command SYSOBJH or execute the program SYSOBJH in the library SYSOBJH.

The commands to the Object Handler are read from standard input into 20 variables (248 bytes each). If the command exceeds 248 bytes, the single parts must be separated by the input delimiter (session parameter ID). Several commands can be issued to SYSOBJH.

The last command in the command sequence must be a period (.), STOP, END, QUIT or FIN, where FIN ends the

Natural session.

Natural Security

If Natural Security is installed, the Object Handler checks the SYSOBJH utility profile in Natural Security to find out whether the requested function is allowed.

Should a Natural Security error occurs during the load function, the following applies:

- if the option Write Report is set, the error is written into the report file and loading continues.
- if the option Write Report is not set, an error message is issued and the load function is terminated.