

Batch Condition Codes and User Exit Routines

This section provides a description of condition codes and user exit routines available for processing Object Handler functions in batch mode.

The sources of Object Handler user exit routines are named SRC-EX nn , where nn denotes the number of the user exit routine. The user exit routines are delivered in the Natural system library SYSOBJH.

To make a user exit routine available

- Catalog it under the name OBJHEX nn in the Natural system library SYSOBJH.
The name of each user exit source is different from the name of the corresponding cataloged object. This guarantees that the object is not affected if the user exit source is overwritten by an installation update.

Object Handler processing in batch mode terminates with one of the following condition codes:

Condition Code	Explanation
0	Object Handler process terminated successfully.
30	An internal Object Handler error occurred.
40	An error was detected in the Object Handler command.
50	An error occurred during Object Handler processing.
60	A Natural Security error occurred during Object Handler processing.
99	A Natural error occurred during Object Handler processing.

Whenever a condition code is set to a value greater than 0 (zero), if available, the user exit routine OBJHEX01 will be invoked before the Object Handler stops processing. With this user exit routine, you can specify whether to continue or terminate Object Handler processing. In the case of termination, you can change the condition code. For further details, see the source of the user exit routine SRC-EX01 in the Natural system library SYSOBJH.

If the Object Handler load function was executed successfully (with Condition Code 0), but one or more objects were rejected during loading (for example, not replaced), before the Object Handler stops processing, the user exit routine OBJHEX02 is invoked, if available. With OBJHEX02, you can specify whether to continue or terminate Object Handler processing. In the case of termination, you can set a condition code. For further details, see the source of the user exit routine SRC-EX02 in the Natural system library SYSOBJH.