

# Managing Messages in Different Libraries

You can transfer messages between different libraries and rename, find, list or delete messages in different libraries. Depending on the Natural system environment(s) affected, you can either unload and load the messages to work files, or directly copy/move them from one library to another.

## ▶ To copy/move, rename, find, list or delete messages

- For libraries contained in the current Natural environment located on a mainframe platform, use the SYSMAIN utility as described in the relevant documentation.

Or:

For libraries contained in different Natural environments located on different mainframe, UNIX, OpenVMS or Windows platforms, use the Object Handler as described in the relevant documentation.

## ▶ To unload or load messages from or to a work file

- For libraries contained in a local mainframe environment, use the ERRULDUS and ERRLODUS programs described in the following sections.

Or:

For libraries contained in different Natural environments located on different mainframe, UNIX, OpenVMS or Windows platforms, use the Object Handler as described in the relevant documentation.

This section covers the following topics:

- Unloading Messages - ERRULDUS
  - Loading Messages - ERRLODUS
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## Unloading Messages - ERRULDUS

The ERRULDUS program is used to unload all message types supported by Natural; that is, user-defined long and short messages created with the SYSERR utility and Natural system messages. The messages are read from the FNAT or FUSER system file and written into work file 2.

### ▶ To invoke ERRULDUS

- In the command line of the SYSERR main menu, enter ERRULDUS.

An **ERRULDUS** menu similar to the example below is displayed:

```
16:11:13          ***** NATURAL SYSERR UTILITY *****          08-09-18
- ERRULDUS (Unload Texts to Work File 2) -

Code  Function
-----  -----
US  User supplied short error texts
UL  User supplied long error texts
U   User supplied short AND long texts
NS  NATURAL short error texts
NL  NATURAL long error texts
H   NATURAL help texts
.   Exit
-----  -----

Code ..... _
Source Library .. SYSERR__      Source Language Code .. 01
Target Library .. SYSERR__      Target Language Code .. 01
Error Number .... 1___ - 9999
Replace ..... N
Report ..... ON_

Please enter valid code.
Command ===>
Enter-PF1---PF2---PF3---PF4---PF5---PF6---PF7---PF8---PF9---PF10--PF11--PF12---
Exec  Help          Exit                                Canc
```

The **ERRULDUS** menu contains the following input fields:

Field	Explanation
<b>Code</b>	The type of messages to be unloaded. Valid types are:  US User-defined short messages UL User-defined long messages U User-defined short and long messages NS Natural system short messages NL Natural system long messages H Natural help texts . Terminate processing
<b>Source Library</b>	The name of the library from which messages are to be unloaded. The name can be truncated by using an asterisk (*). If you enter an asterisk (*) only, messages from all libraries are unloaded. <b>Source Library</b> is ignored for messages of type NS or NL.
<b>Source Language Code</b>	The language code of the messages to be unloaded.
<b>Target Library</b>	The name of the library to which messages are to be loaded. <b>Target Library</b> is ignored for messages of type NS or NL.
<b>Target Language Code</b>	The language code to which messages are to be loaded.
<b>Error Number</b>	Two numbers of up to four digits corresponding to the first and last numbers of the range of messages to be unloaded. If no first number is specified, it is assumed to be 1.
<b>Replace</b>	Enter Y to overwrite the target library. Default is N (No).
<b>Report</b>	If specified as ON, a list of all messages that were unloaded is displayed when unloading is complete. If specified as OFF, no such list is displayed.

ERRLODUS reads input until a period (.) is detected in the **Code** field. After unloading, a statistical listing is displayed.

## Loading Messages - ERRLODUS

The ERRLODUS program is used to load messages previously unloaded with the ERRLODUS program.

The messages are read from work file 2 and are written to the FNAT or FUSER system file. ERRLODUS overwrites existing messages in the system file if **Replace** was specified as Y when unloading.

If you specify ERRLODUS as ON, a list of all messages that were loaded (added or replaced) is displayed when loading is complete.

### Note:

Under Natural Security, the online use of ERRLODUS is only available for users of type Administrator, regardless of the setting of the **Utilities** option in the security profile of the library. See also Utilities in *Library Maintenance* in the *Natural Security* documentation.