

# NATLOG - Natural Log File

This Natural profile parameter is used to log messages that will not (or could not) be written to the standard output in interactive mode or to the output file CMPRINT in batch mode.

<b>Possible settings</b>	OFF	Disables the log mechanism.
	ERR	Logs error messages.
	INF	Logs information and success messages.
	WRN	Logs warning messages.
	ALL	Logs all types of messages.
<b>Default setting</b>	OFF	
<b>Dynamic specification</b>	yes	
<b>Specification within session</b>	no	

The location of the NATLOG file is the TEMP directory of Natural (specified in the local configuration file *NATURAL.INI*). If this path is unknown, Natural creates the file in the current directory.

Natural tries to create the following file name, if the *user-ID/et-ID* information could be retrieved:

*NATURAL\_<user-ID>\_<et-ID>.LOG*

If *user-ID* and *et-ID* could not be retrieved, then the following file name is used: *NATURAL.LOG*.

## Example File Names:

A Natural batch process is running with *user-ID=SYSTEM* and *et-ID=14*, then the resulting file name is *NATURAL\_SYSTEM\_14.LOG*.

If the *user-ID* could not be retrieved (which is the case if an error occurs during the initialization phase of Natural), then the resulting file name is *NATURAL.LOG*.

## Examples

The following example shows the contents of a Natural log file. At top of the file, there is a header with some environment information, for example the Natural Version, the parameter file currently in use and so on. Two entries follow. The first one an entry which displays the I/O channels needed for batch mode. The second entry shows an error message. Both messages are counted in the statistics summary.

Example NATLOG Output Contents for OpenVMS:

```
# #####
#           N a t u r a l   L o g   F i l e
# #####
#
# Logging started at : 28-May-2008 15:28:19.048
#
# Natural Version   : V v . r . s   Software AG 2008
# Server Type      : (none)
```

```
# Device          : BATCH (real)
# BufferPool Name  : BPNATAN2
# Parameter File  : NATPARM
#
# User ID         : NATURAL
# ET ID          : TEST
# Network User ID : NATURAL
#
# Host Name       : NATAN2
# Machine Class   : VMS
# Operating System : OVMS/IA6V8.3-1H1
#
# Process ID      : 21E51D3A
#
# NATLOG Option   : ALL
#
# #####
#
# -----
# 15:28:19.052 NATURAL      INFORMATIONAL STATISTICS: INF=1 WRN=0 ERR=0
# -----
Value of parameter CMSYNIN (command file)
alf9$user:[tmp]batch.cmd
Value of parameter CMOBJIN (input file)

Value of parameter CMPRINT (output file)
alf9$user:[tmp]batch.out
# -----
# 15:28:19.069 NATURAL      ERROR          STATISTICS: INF=1 WRN=0 ERR=1
# -----
Natural Startup Error: 42
Batch mode driver error.
Parameter CMOBJIN not set.
```