

NATLOG - Natural Log File

This Natural profile parameter is for UNIX and Windows only.

It 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.

Possible settings	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.
Default setting	OFF	
Dynamic specification	YES	
Specification within session	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 ETID=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

Platform-specific Examples

The following examples show 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 real batch mode. The second entry shows an error message. Both messages are counted in the statistics summary.

- Example NATLOG Output Contents for UNIX
- Example NATLOG output contents for Windows

Example NATLOG Output Contents for UNIX:

```
# ##### Natural Log File #####
# Logging started at : 06-Oct-2003 08:08:38.023
# :
# Natural Version   : V 6.1.1 DEVELOP SAG 2003
# Server Type       : (none)
# Device            : BATCH (real)
# Parameter File    : NATPARM
# :
# User ID           : NATURAL
# ET ID             : TEST
# Network User ID  : NATURAL
# :
# Host Name         : hpn2
# Machine Class     : UNIX
# Operating System  : HP_HPUX B.10.20A
# :
# Process ID        : 17921
# :
# NATLOG Option    : ALL
#
# -----
# 08:08:38.025  NATURAL      INFORMATIONAL  STATISTICS: INF=1  WRN=0  ERR=0
# -----
setting of parameter CMSYNIN (command file)
$HOME/tmp/batch.cmd
setting of parameter CMOBJIN (input file)

setting of parameter CMPRINT (output file)
$HOME/tmp/batch.out
#
# 08:08:38.028  NATURAL      ERROR          STATISTICS: INF=1  WRN=0  ERR=1
# -----
NATURAL Startup Error: 42
Batch mode driver error.
Parameter CMOBJIN not set.
```

Example NATLOG Output Contents for Windows

```
# ##### Natural Log File #####
# Logging started at : 06-Oct-2003 08:10:12.044
# :
# Natural Version   : V 6.1.1 SAG 2003
# Server Type       : (none)
# Device            : BATCH (real)
# Parameter File    : NATPARM
# :
# User ID           : NATURAL
# ET ID             : TEST
# Network User ID  : MYDOMAIN\NATURAL
# :
# Host Name         : PCNAT
# Machine Class     : PC
# Operating System  : WNT-X86 4.0 (1381)
# :
# Process ID        : 274
# :
# NATLOG Option    : ALL
#
# -----
# 08:10:13.003  NATURAL      INFORMATIONAL  STATISTICS:  INF=1  WRN=0  ERR=0
# -----
setting of parameter CMSYNIN (command file)
D:\TEMP\syn37437.tmp
setting of parameter CMOBJIN (input file)

setting of parameter CMPRINT (output file)
D:\TEMP\out37437.tmp
#
# 08:10:15.020  NATURAL      ERROR          STATISTICS:  INF=1  WRN=0  ERR=1
# -----
NATURAL Startup Error: 42
Batch mode driver error.
Parameter CMOBJIN not set.
```