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.

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 `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 Windows

```
# ################################################
#            N a t u r a l   L o g   F i l e
# ################################################
#
# Logging started at : 06-Mar-2007 08:10:12.044
#                    :
# Natural Version    : V v.r.s 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.
```