

TPLOG(3)

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

Contents

1	SYNOPSIS	1
2	DESCRIPTION	2
3	RETURN VALUE	3
4	ERRORS	4
5	EXAMPLE	5
6	BUGS	6
7	SEE ALSO	7
8	COPYING	8

Chapter 1

SYNOPSIS

```
#include <ndebug.h>
```

```
void tplog(int lev, char *message);
```

or

```
#define TP_LOG(lev, fmt, ...)
```

Link with *-lnstd -lpthread -lrt -lm*

Chapter 2

DESCRIPTION

Function writes the message to current log file. *lev* is logging level. For function version log message goes as *message* parameter. For C/C++ coding it is recommended to use macro version **TP_LOG**, as it have a format string and it uses more efficient way to check the logging levels. Macro version have less functions calls during the whole process.

Log levels are following (from `ndebug.h`):

- `log_always` 1
 - `log_error` 2
 - `log_warn` 3
 - `log_info` 4
 - `log_debug` 5
-

Chapter 3

RETURN VALUE

N/A

Chapter 4

ERRORS

N/A

Chapter 5

EXAMPLE

Code logtest.c

```
#include <ndebug.h>

int main (int argc, char **argv)
{
    tplog(5, "Hello from function logger");

    TP_LOG(log_debug, "Hello from macro logger [logging level %d]", log_debug);

    return 0;
}
```

Sample run:

```
$ cc logtest.c -lnstd -lpthread -lrt -lm -I /include
$ ./a.out
t:USER:5:11064:000:20160928:100225252:/tplog.c:0412:Hello from function logger
t:USER:5:11064:000:20160928:100225252:ogtest.c:0007:Hello from macro logger [logging level 5] ←
```

Chapter 6

BUGS

Report bugs to madars.vitolins@gmail.com

Chapter 7

SEE ALSO

tplogdump(3) tplogdumpdiff(3) tplogprintubf(3) tplogconfig(3) tplogsetreqfile_direct(3) tplogsetreqfile(3) ex_devguide(guides)

Chapter 8

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