



Full credit is given to the above companies including the Operating System (OS) that this PDF file was generated!

Rocky Enterprise Linux 9.2 Manual Pages on command 'setlogmask.3'

\$ man setlogmask.3

SETLOGMASK(3) Linux Programmer's Manual SETLOGMASK(3)

NAME

setlogmask - set log priority mask

SYNOPSIS

```
#include <syslog.h>

int setlogmask(int mask);
```

DESCRIPTION

A process has a log priority mask that determines which calls to syslog(3) may be logged.

All other calls will be ignored. Logging is enabled for the priorities that have the cor?

responding bit set in mask. The initial mask is such that logging is enabled for all pri?

orities.

The setlogmask() function sets this logmask for the calling process, and returns the pre?

vious mask. If the mask argument is 0, the current logmask is not modified.

The eight priorities are LOG_EMERG, LOG_ALERT, LOG_CRIT, LOG_ERR, LOG_WARNING, LOG_NOTICE,

LOG_INFO, and LOG_DEBUG. The bit corresponding to a priority p is LOG_MASK(p). Some sys?

tems also provide a macro LOG_UPTO(p) for the mask of all priorities in the above list up

to and including p.

RETURN VALUE

This function returns the previous log priority mask.

ERRORS

None.

ATTRIBUTES

For an explanation of the terms used in this section, see attributes(7).

??

?Interface ? Attribute ? Value ?

??

?setlogmask() ? Thread safety ? MT-Unsafe race:LogMask ?

??

CONFORMING TO

POSIX.1-2001, POSIX.1-2008.

LOG_UPTO() will be included in the next release of the POSIX specification (Issue 8).

SEE ALSO

closelog(3), openlog(3), syslog(3)

COLOPHON

This page is part of release 5.10 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.

2020-06-09

SETLOGMASK(3)