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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'addseverity.3' command

$ man addseverity.3

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

NAME

addseverity - introduce new severity classes

SYNOPSIS

#include <fmtmsg.h>

int addseverity(int severity, const char *s);

Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

addseverity():

Since glibc 2.19:

_DEFAULT_SOURCE

Glibc 2.19 and earlier:

_SVID_SOURCE

DESCRIPTION

This function allows the introduction of new severity classes which can be addressed by the severity argument of the fmtmsg(3) function. By default, that function knows only how to print messages for severity 0-4 (with strings (none), HALT, ERROR, WARNING, INFO). This call at? taches the given string s to the given value severity. If s is NULL, the severity class with the numeric value severity is removed. It is not possible to overwrite or remove one of the default severity classes. The severity value must be nonnegative.

RETURN VALUE

Upon success, the value MM_OK is returned. Upon error, the return

value is MM_NOTOK. Possible errors include: out of memory, attempt to remove a nonexistent or default severity class.

VERSIONS

addseverity() is provided in glibc since version 2.1.

ATTRIBUTES

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

??????????????????????????????????????

?Interface ? Attribute ? Value ?

??????????????????????????????????????

?addseverity() ? Thread safety ? MT-Safe ?

??????????????????????????????????????

CONFORMING TO

This function is not specified in the X/Open Portability Guide although the fmtmsg(3) function is. It is available on System V systems.

NOTES

New severity classes can also be added by setting the environment vari? able SEV_LEVEL.

SEE ALSO

fmtmsg(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/.