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

\$ 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 attaches 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 over-

write 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.

ity class.

VERSIONS

addseverity() is provided in glibc since version 2.1.

ATTRIBUTES

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

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?Interface ? Attribute ? Value ?

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

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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 variable 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/>.