



Linux Ubuntu 26.04 Manual Pages on command 'addseverity.3'

\$ man addseverity.3

addseverity(3) Library Functions Manual addseverity(3)

NAME

addseverity - introduce new severity classes

LIBRARY

Standard C library (libc, -lc)

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 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`. Pos?

ATTRIBUTES

[illegible][illegible][illegible]

GNU.

glibc 2.1. System V.

New severity classes can also be added by setting the environment variable `SEV_LEVEL`.

fmtmsg(3)

2026-02-08

```
addseverity(3)
```