



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

\$ man grantpt.3

grantpt(3) Library Functions Manual grantpt(3)

NAME

grantpt - grant access to the slave pseudoterminal

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#define _XOPEN_SOURCE
```

```
#include <stdlib.h>
```

```
int grantpt(int fd);
```

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

grantpt():

Since glibc 2.24:

```
_XOPEN_SOURCE >= 500
```

glibc 2.23 and earlier:

```
_XOPEN_SOURCE
```

DESCRIPTION

The `grantpt()` function changes the mode and owner of the slave pseudoterminal device corresponding to the master pseudoterminal referred to by the file descriptor `fd`. The user ID of the slave is set to the real UID of the calling process. The group ID is set to an unspecified value (e.g., `tty`). The mode of the slave is set to `0620` (`crw--w----`).

The behavior of `grantpt()` is unspecified if a signal handler is installed to catch `SIGCHLD` signals.

RETURN VALUE

ERRORS

EINVAL The fd argument is valid but not associated with a master pseudoterminal.

ATTRIBUTES

[illegible][illegible][illegible]

STANDARDS

POSIX.1-2008.

HISTORY

Linux? or an ioctl(2).

SEE ALSO

grantpt(3)