



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

\$ man getpt.3

getpt(3) Library Functions Manual getpt(3)

NAME _____

```
getpt - open a new pseudoterminal master
```

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#define _GNU_SOURCE /* See feature_test_macros(7) */
```

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

```
int getpt(void);
```

DESCRIPTION

`getpt()` opens a new pseudoterminal device and returns a file descriptor that refers to that device. It is equivalent to opening the pseudoterminal multiplexer device

```
open("/dev/ptmx", O_RDWR);
```

on Linux systems, though the pseudoterminal multiplexer device is located elsewhere on some systems that use the GNU C library.

RETURN VALUE

`getpt()` returns an open file descriptor upon successful completion. Otherwise, it returns -1 and sets `errno` to indicate the error.

ERRORS

getpt() can fail with various errors described in open(2).

ATTRIBUTES

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

[illegible]

[illegible]

```
getpt(3)
```