



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

C:\>man getpt.3

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

NAME

getpt - open the pseudoterminal master (PTM)

SYNOPSIS

```
#define _GNU_SOURCE            /* See feature_test_macros(7) */  
  
#include <stdlib.h>  
  
int getpt(void);
```

DESCRIPTION

getpt() opens a pseudoterminal master and returns its file descriptor. It is equivalent to

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

on Linux systems, though the pseudoterminal master is located elsewhere on some systems that use GNU Libc.

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).

VERSIONS

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

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CONFORMING TO

getpt() is glibc-specific; use posix_openpt(3) instead.

SEE ALSO

grantpt(3), posix_openpt(3), ptsname(3), unlockpt(3), ptmx(4), pty(7)

COLOPHON

This page is part of release 5.05 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/>.