Red Hat Enterprise Linux Release 9.2 Manual Pages on 'getpt.3' command

$ man getpt.3

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

NAME

   getpt - open a new pseudoterminal master

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 pseudoter?

   minal multiplexor device

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

   on Linux systems, though the pseudoterminal multiplexor device is lo?

   cated 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).

VERSIONS

   getpt() is provided in glibc since version 2.1.

ATTRIBUTES

   For an explanation of the terms used in this section, see at?

tributes(7).

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??????????????????????????????????????
?Interface ? Attribute    ? Value   ?
??????????????????????????????????????
?getpt()   ? Thread safety ? MT-Safe ?
??????????????????????????????????????
```

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 5.10 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/.

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