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

$ 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 pseudoterminal multiplexor device

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

    on Linux systems, though the pseudoterminal multiplexor 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).

VERSIONS

    getpt() is provided in glibc since version 2.1.

ATTRIBUTES

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

    ???

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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