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 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 since glibc 2.1.

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

Interface	Attribute	Value
getpt()	Thread safety	MT-Safe

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

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