

NAME

`unlockpt` – unlock a pseudoterminal master/slave pair

SYNOPSIS

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

int unlockpt(int fd);
```

Feature Test Macro Requirements for glibc (see [feature_test_macros\(7\)](#)):

unlockpt():

Since glibc 2.24:

```
_XOPEN_SOURCE >= 500 ||
(_XOPEN_SOURCE && _XOPEN_SOURCE_EXTENDED)
```

Glibc 2.23 and earlier:

```
_XOPEN_SOURCE
```

DESCRIPTION

The `unlockpt()` function unlocks the slave pseudoterminal device corresponding to the master pseudoterminal referred to by `fd`.

`unlockpt()` should be called before opening the slave side of a pseudoterminal.

RETURN VALUE

When successful, `unlockpt()` returns 0. Otherwise, it returns `-1` and sets `errno` appropriately.

ERRORS**EBADF**

The `fd` argument is not a file descriptor open for writing.

EINVAL

The `fd` argument is not associated with a master pseudoterminal.

VERSIONS

`unlockpt()` 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
<code>unlockpt()</code>	Thread safety	MT-Safe

CONFORMING TO

POSIX.1-2001, POSIX.1-2008.

SEE ALSO

[grantpt\(3\)](#), [posix_openpt\(3\)](#), [ptsname\(3\)](#), [pts\(4\)](#), [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/>.