

NAME

`pt_chown` – helper function for `grantpt(3)`, changes ownership and permissions of pseudotty

SYNOPSIS

`/usr/lib/pt_chown`

DESCRIPTION

pt_chown is the helper program for the 'grantpt' function. It is not intended to be run directly from the command line. `pt_chown` sets the owner, group and access permission of the slave pseudo terminal corresponding to the master pseudo terminal passed on file descriptor so that the pseudo terminal can be used by the calling process. This means programs like 'xterm' and 'screen' do not have to be setuid to get a pty. (There may be other reasons why they need privileges.) If you are using a 2.1 or newer Linux kernel with the 'devptsfs' or 'devfs' filesystems providing pty slaves, you don't need this program; otherwise you do. The source for 'pt_chown' is in 'login/programs/pt_chown.c'.

It is installed setuid root.

OPTIONS

`pt_chown` takes no arguments.

RETURN CODES

pt_chown has the following return codes:

EBADF

The file descriptor is not a valid master pseudo terminal.

EINVAL

The device is not a character device.

EACCES

Can't change device owner and group or device permissions.

0

The owner, group, and permissions were successfully changed.

BUGS

Report bugs using the `glibcbug` script to `bugs@gnu.org`

SEE ALSO

grantpt(3)