NAME

tcgetsid − get session ID

SYNOPSIS

#define _XOPEN_SOURCE 500   /* See feature_test_macros(7) */"
#include <termios.h>

pid_t tcgetsid(int *fd* **);**

DESCRIPTION

The function **tcgetsid**() returns the session ID of the current session that has the terminal associated to *fd* as controlling terminal. This terminal must be the controlling terminal of the calling process.

RETURN VALUE

When *fd* refers to the controlling terminal of our session, the function **tcgetsid**() will return the session ID of this session. Otherwise, −1 is returned, and *errno* is set appropriately.

ERRORS

EBADF

fd is not a valid file descriptor.

ENOTTY

The calling process does not have a controlling terminal, or it has one but it is not described by *fd*.

VERSIONS

tcgetsid() 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
tcgetsid()	Thread safety	MT-Safe

CONFORMING TO

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

NOTES

This function is implemented via the **TIOCGSID** ioctl(2), present since Linux 2.1.71.

SEE ALSO

getsid(2)

COLOPHON

This page is part of release 4.16 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/.