



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

C:~>man tcgetsid.3

TCGETSID(3) Linux Programmer's Manual TCGETSID(3)

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).

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?Interface ? Attribute ? Value ?

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?tcgetsid() ? Thread safety ? MT-Safe ?

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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 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/>.