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

#### ***\$ 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 5.10 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/>.