



Red Hat Enterprise Linux Release 9.2 Manual Pages on 'tcgetsid.3' command

\$ 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 at?

tributes(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/>.

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