Red Hat Enterprise Linux Release 9.2 Manual Pages on 'getsid.2' command

$ man getsid.2

GETSID(2)   Linux Programmer's Manual   GETSID(2)

NAME

    getsid - get session ID

SYNOPSIS

    #include <sys/types.h>

    #include <unistd.h>

    pid_t getsid(pid_t pid);

  Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

    getsid():

      _XOPEN_SOURCE >= 500

        || /* Since glibc 2.12: */ _POSIX_C_SOURCE >= 200809L

DESCRIPTION

    getsid(0) returns the session ID of the calling process. getsid() re?

    turns the session ID of the process with process ID pid. If pid is 0,

    getsid() returns the session ID of the calling process.

RETURN VALUE

    On success, a session ID is returned. On error, (pid_t) -1 will be re?

    turned, and errno is set appropriately.

ERRORS

    EPERM A process with process ID pid exists, but it is not in the same

        session as the calling process, and the implementation considers

        this an error.

    ESRCH No process with process ID pid was found.

VERSIONS

This system call is available on Linux since version 2.0.

CONFORMING TO

POSIX.1-2001, POSIX.1-2008, SVr4.

NOTES

Linux does not return EPERM.

See credentials(7) for a description of sessions and session IDs.

SEE ALSO

getpgid(2), setsid(2), credentials(7)

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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