

NAME

getsid – get session ID

SYNOPSIS

```
#include <unistd.h>
```

```
pid_t getsid(pid_t pid);
```

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

```
getsid(): _XOPEN_SOURCE >= 500
```

DESCRIPTION

getsid(0) returns the session ID of the calling process. *getsid(p)* returns the session ID of the process with process ID *p*. (The session ID of a process is the process group ID of the session leader.)

RETURN VALUE

On success, a session ID is returned. On error, *(pid_t) -1* will be returned, and *errno* is set appropriately.

ERRORS**EPERM**

A process with process ID *p* 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 *p* was found.

VERSIONS

This system call is available on Linux since version 2.0.

CONFORMING TO

SVr4, POSIX.1-2001.

NOTES

Linux does not return **EPERM**.

SEE ALSO

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

COLOPHON

This page is part of release 3.22 of the Linux *man-pages* project. A description of the project, and information about reporting bugs, can be found at <http://www.kernel.org/doc/man-pages/>.