



Rocky Enterprise Linux 9.2 Manual Pages on command 'getsid.2'

C:\>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()` returns 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 returned, 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\(2\)](#), [setuid\(2\)](#), [credentials\(7\)](#)

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/>.

Linux

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