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

\$ man getsid.2

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 >= 200
```

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.

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/>.

Linux

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[GETSID\(2\)](#)