NAME
getsid – get session ID

LIBRARY
Standard C library (*libc*, *−lc*)

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

DESCRIPTION
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* is returned, and *errno* is set to indicate the error.

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 since Linux 2.0.

STANDARDS
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)