

**NAME**

**getsid** - get process session

**LIBRARY**

Standard C Library (libc, -lc)

**SYNOPSIS**

**#include <unistd.h>**

*pid\_t*

**getsid**(*pid\_t* *pid*);

**DESCRIPTION**

The session ID of the process identified by *pid* is returned by **getsid()**. If *pid* is zero, **getsid()** returns the session ID of the current process.

**RETURN VALUES**

Upon successful completion, the **getsid()** system call returns the session ID of the specified process; otherwise, it returns a value of -1 and sets *errno* to indicate an error.

**ERRORS**

The **getsid()** system call will succeed unless:

[ESRCH]                   if there is no process with a process ID equal to *pid*.

Note that an implementation may restrict this system call to processes within the same session ID as the calling process.

**SEE ALSO**

getpgid(2), getpgrp(2), setpgid(2), setsid(2), termios(4)

**HISTORY**

The **getsid()** system call appeared in FreeBSD 3.0. The **getsid()** system call is derived from its usage in AT&T System V UNIX.