

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.