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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'getsid.3p' command

\$ man getsid.3p

GETSID(3P) POSIX Programmer's Manual GETSID(3P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

getsid ? get the process group ID of a session leader

SYNOPSIS

```
#include <unistd.h>

pid_t getsid(pid_t pid);
```

DESCRIPTION

The getsid() function shall obtain the process group ID of the process that is the session leader of the process specified by pid. If pid is (pid_t)0, it specifies the calling process.

RETURN VALUE

Upon successful completion, getsid() shall return the process group ID of the session leader of the specified process. Otherwise, it shall return -1 and set errno to indicate the error.

ERRORS

The getsid() function shall fail if:

EPERM The process specified by pid is not in the same session as the calling process, and the implementation does not allow access to

the process group ID of the session leader of that process from the calling process.

ESRCH There is no process with a process ID equal to pid.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

exec, fork(), getpid(), getpgid(), setpgid(), setsid()

The Base Definitions volume of POSIX.1?2017, <unistd.h>

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