

getpid - Man Page

get the process ID

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.

Synopsis

```
#include <unistd.h>
```

```
pid_t getpid(void);
```

Description

The *getpid()* function shall return the process ID of the calling process.

Return Value

The *getpid()* function shall always be successful and no return value is reserved to indicate an error.

Errors

No errors are defined.

The following sections are informative.

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None.

Application Usage

None.

Rationale

None.

Future Directions

None.

See Also

`exec`, `fork()`, `getpgrp()`, `getppid()`, `kill()`, `mkdtemp()`, `setpgid()`,
`setsid()`

The Base Definitions volume of POSIX.1-2017, `<sys_types.h>`, `<unistd.h>`

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Referenced By

getpgid(3p), getpgrp(3p), getppid(3p), getsid(3p), kill(3p), killpg(3p), mkdtemp(3p), setpgrp(3p), unistd.h(0p).

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