

getpgrp - Man Page

get the process group ID of the calling process

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 getpgrp(void);
```

Description

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

Return Value

The *getpgrp()* 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

4.3 BSD provides a *getpgrp()* function that returns the process group ID for a specified process. Although this function supports job control, all known job control shells always specify the calling process with this function. Thus, the simpler System V *getpgrp()* suffices, and the added complexity of the 4.3 BSD *getpgrp()* is provided by the XSI extension *getpgid()*.

Future Directions

None.

See Also

`exec`, `fork()`, `getpgid()`, `getpid()`, `getppid()`, `kill()`, `setpgid()`, `setsid()`

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

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Referenced By

`getpgid(3p)`, `getpid(3p)`, `getppid(3p)`, `setpgid(3p)`, `unistd.h(0p)`.

2017 IEEE/The Open Group POSIX Programmer's Manual

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