



Linux Ubuntu 26.04 Manual Pages on command 'getgid.2'

\$ man getgid.2

getgid(2) System Calls Manual getgid(2)

NAME

getgid, getegid - get group identity

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

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

```
gid_t getgid(void);
```

```
gid_t getegid(void);
```

DESCRIPTION

getgid() returns the real group ID of the calling process.

getegid() returns the effective group ID of the calling process.

ERRORS

These functions are always successful and never modify errno.

VERSIONS

On Alpha, instead of a pair of getgid() and getegid() system calls, a single getxgid() system call is provided, which returns a pair of real and effective GIDs. The glibc getgid() and getegid() wrapper functions transparently deal with this. See syscall(2) for details regarding register mapping.

STANDARDS

POSIX.1-2024.

HISTORY

4.3BSD, POSIX.1-1988.

The original Linux `getgid()` and `getegid()` system calls supported only 16-bit group IDs. Subsequently, Linux 2.4 added `getgid32()` and `getegid32()`, supporting 32-bit IDs. The glibc `getgid()` and `getegid()` wrapper functions transparently deal with the variations across kernel versions.

SEE ALSO

`getresgid(2)`, `setgid(2)`, `setregid(2)`, `credentials(7)`

Linux man-pages 6.17

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`getgid(2)`