

**NAME**

getgid, getegid - get group identity

**SYNOPSIS**

```
#include <unistd.h>
#include <sys/types.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.

**CONFORMING TO**

POSIX.1-2001, 4.3BSD.

**NOTES**

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\(7\)](#)

**COLOPHON**

This page is part of release 3.74 of the Linux *man-pages* project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <http://www.kernel.org/doc/man-pages/>.