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### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'getgid.2'***

#### ***\$ man getgid.2***

GETGID(2)                   Linux Programmer's Manual                   GETGID(2)

#### 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, POSIX.1-2008, 4.3BSD.

#### NOTES

The original Linux getgid() and getegid() system calls supported only 16-bit group IDs. Subsequently, Linux 2.4 added getgid32() and gete?

gid32()), supporting 32-bit IDs. The glibc `getgid()` and `getegid()` wrapper functions transparently deal with the variations across kernel 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.

#### SEE ALSO

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

#### COLOPHON

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