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Rocky Enterprise Linux 9.2 Manual Pages on command 'geteuid.2'

\$ man geteuid.2

GETUID(2)

Linux Programmer's Manual

GETUID(2)

NAME

getuid, geteuid - get user identity

SYNOPSIS

#include <unistd.h>

#include <sys/types.h>

uid_t getuid(void);

uid_t geteuid(void);

DESCRIPTION

getuid() returns the real user ID of the calling process.

geteuid() returns the effective user ID of the calling process.

ERRORS

These functions are always successful.

CONFORMING TO

POSIX.1-2001, POSIX.1-2008, 4.3BSD.

NOTES

History

troduced separate calls getuid() and geteuid().

The original Linux getuid() and geteuid() system calls supported only 16-bit user IDs. Subsequently, Linux 2.4 added getuid32() and ge? teuid32(), supporting 32-bit IDs. The glibc getuid() and geteuid() wrapper functions transparently deal with the variations across kernel versions.

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

SEE ALSO

getresuid(2), setreuid(2), setuid(2), credentials(7)

COLOPHON

This page is part of release 5.10 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 https://www.kernel.org/doc/man-pages/.

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