Red Hat Enterprise Linux Release 9.2 Manual Pages on 'geteuid.2' command

$ 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

    In UNIX V6 the getuid() call returned (euid << 8) + uid. UNIX V7 in?

    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/.