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, 4.3BSD.

NOTES

   History

   In UNIX V6 the **getuid**() call returned *(euid << 8) + uid*. UNIX V7 introduced 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 **geteuid32**(), supporting 32-bit IDs. The glibc **getuid**() and **geteuid**() wrapper functions transparently deal with the variations across kernel versions.

SEE ALSO

   getresuid(2), **setreuid**(2), **setuid**(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/.