

**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()**.

**SEE ALSO**

**getresuid(2)**, **setresuid(2)**, **setuid(2)**, **credentials(7)**

**COLOPHON**

This page is part of release 3.22 of the Linux *man-pages* project. A description of the project, and information about reporting bugs, can be found at <http://www.kernel.org/doc/man-pages/>.