



Linux Ubuntu 26.04 Manual Pages on command 'uselocale.3'

\$ man uselocale.3

uselocale(3) Library Functions Manual uselocale(3)

NAME

uselocale - set/get the locale for the calling thread

LIBRARY

Standard C library (libc, -lc)

SYNOPSIS

```
#include <locale.h>
```

```
locale_t uselocale(locale_t newloc);
```

Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

uselocale():

Since glibc 2.10:

```
_XOPEN_SOURCE >= 700
```

Before glibc 2.10:

```
_GNU_SOURCE
```

DESCRIPTION

The `uselocale()` function sets the current locale for the calling thread, and returns the thread's previously current locale. After a successful call to `uselocale()`, any calls by this thread to functions that depend on the locale will operate as though the locale has been set to `newloc`.

The `newloc` argument can have one of the following values:

A handle returned by a call to

`newlocale(3)` or `duplocale(3)` The calling thread's current locale is set to the speci?

fied locale.

The special locale object handle

LC_GLOBAL_LOCALE The calling thread's current locale is set to the global locale defined by setlocale(3).

(locale_t) 0

The calling thread's current locale is left unchanged (and the current locale is returned as the function result).

RETURN VALUE

On success, uselocale() returns the locale handle that was set by the previous call to uselocale() in this thread, or LC_GLOBAL_LOCALE if there was no such previous call. On error, it returns (locale_t) 0, and sets errno to indicate the error.

ERRORS

EINVAL newloc does not refer to a valid locale object.

STANDARDS

POSIX.1-2008.

HISTORY

glibc 2.3. POSIX.1-2008.

NOTES

Unlike setlocale(3), uselocale() does not allow selective replacement of individual locale categories. To employ a locale that differs in only a few categories from the current locale, use calls to duplocale(3) and newlocale(3) to obtain a locale object equivalent to the current locale and modify the desired categories in that object.

EXAMPLES

See newlocale(3) and duplocale(3).

SEE ALSO

locale(1), duplocale(3), freelocale(3), newlocale(3), setlocale(3), locale(5), locale(7)