



### ***Rocky Enterprise Linux 9.2 Manual Pages on command 'uselocale.3'***

#### **\$ man uselocale.3**

USELOCALE(3)      Linux Programmer's Manual      USELOCALE(3)

#### NAME

uselocale - set/get the locale for the calling thread

#### 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 specified locale.

The special locale object handle LC\_GLOBAL\_LOCALE

The calling thread's current locale is set to the global locale determined 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 cause of the error.

## ERRORS

EINVAL newloc does not refer to a valid locale object.

## VERSIONS

The uselocale() function first appeared in version 2.3 of the GNU C library.

## CONFORMING TO

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)

## 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/>.

Linux

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