

NAME

wctob - try to represent a wide character as a single byte

SYNOPSIS

```
#include <wchar.h>
```

```
int wctob(wint_t c);
```

DESCRIPTION

The **wctob()** function tests whether the multibyte representation of the wide character *c*, starting in the initial state, consists of a single byte. If so, it is returned as an *unsigned char*.

Never use this function. It cannot help you in writing internationalized programs. Internationalized programs must never distinguish single-byte and multibyte characters.

RETURN VALUE

The **wctob()** function returns the single-byte representation of *c*, if it exists, of **EOF** otherwise.

ATTRIBUTES

For an explanation of the terms used in this section, see [attributes\(7\)](#).

| Interface | Attribute | Value |
|----------------|---------------|---------|
| wctob() | Thread safety | MT-Safe |

CONFORMING TO

POSIX.1-2001, POSIX.1-2008, C99.

NOTES

The behavior of **wctob()** depends on the **LC_CTYPE** category of the current locale.

This function should never be used. Internationalized programs must never distinguish single-byte and multibyte characters. Use either [wctomb\(3\)](#) or the thread-safe [wrtomb\(3\)](#) instead.

SEE ALSO

[btowc\(3\)](#), [wrtomb\(3\)](#), [wctomb\(3\)](#)

COLOPHON

This page is part of release 4.10 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/>.