

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
<code>wctob()</code>	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 `wcrtomb(3)` instead.

SEE ALSO

`btowc(3)`, `wcrtomb(3)`, `wctomb(3)`

COLOPHON

This page is part of release 5.05 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/>.