

NAME

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

LIBRARY

Standard C library (*libc*, *-lc*)

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, or **EOF** otherwise.

ATTRIBUTES

For an explanation of the terms used in this section, see **attributes(7)**.

Interface	Attribute	Value
wctob()	Thread safety	MT-Safe

STANDARDS

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)**