

**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
<b>wctob()</b>	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**

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