NAME

wctomb - convert a wide-character code to a character

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

#include <stdlib.h>

int
wctomb(*char *mbchar*, *wchar_t wchar*);

DESCRIPTION

The **wctomb**() function converts a wide character *wchar* into a multibyte character and stores the result in *mbchar*. The object pointed to by *mbchar* must be large enough to accommodate the multibyte character, which may be up to MB_LEN_MAX bytes.

A call with a null *mbchar* pointer returns nonzero if the current locale requires shift states, zero otherwise; if shift states are required, the shift state is reset to the initial state.

RETURN VALUES

If *mbchar* is NULL, the **wctomb**() function returns nonzero if shift states are supported, zero otherwise. If *mbchar* is valid, **wctomb**() returns the number of bytes processed in *mbchar*, or -1 if no multibyte character could be recognized or converted. In this case, **wctomb**()'s internal conversion state is undefined.

ERRORS

The **wctomb**() function will fail if:

[EILSEQ]　　　　　　　An invalid multibyte sequence was detected.

[EINVAL]　　　　　　　The internal conversion state is invalid.

SEE ALSO

mbtowc(3), wcrtomb(3), wcstombs(3), wctob(3)

STANDARDS

The **wctomb**() function conforms to ISO/IEC 9899:1999 ("ISO C99").