NAME
>   wcstombs - convert a wide-character string to a multibyte string

SYNOPSIS
>   **#include <stdlib.h>**
>
>   **size_t wcstombs(char ***dest**, const wchar_t ***src**, size_t** n**);**

DESCRIPTION
>   If *dest* is not NULL, the **wcstombs**() function converts the wide-character string *src* to a multibyte string
>   starting at *dest*. At most *n* bytes are written to *dest*. The sequence of characters placed in *dest* begins in
>   the initial shift state. The conversion can stop for three reasons:
>
>   1. A wide character has been encountered that can not be represented as a multibyte sequence (according
>   to the current locale). In this case, *(size_t) -1* is returned.
>
>   2. The length limit forces a stop. In this case, the number of bytes written to *dest* is returned, but the shift
>   state at this point is lost.
>
>   3. The wide-character string has been completely converted, including the terminating null wide character
>   (L'\0'). In this case, the conversion ends in the initial shift state. The number of bytes written to *dest*,
>   excluding the terminating null byte ('\0'), is returned.
>
>   The programmer must ensure that there is room for at least *n* bytes at *dest*.
>
>   If *dest* is NULL, *n* is ignored, and the conversion proceeds as above, except that the converted bytes are not
>   written out to memory, and no length limit exists.
>
>   In order to avoid the case 2 above, the programmer should make sure *n* is greater than or equal to
>   *wcstombs(NULL,src,0)+1*.

RETURN VALUE
>   The **wcstombs**() function returns the number of bytes that make up the converted part of a multibyte
>   sequence, not including the terminating null byte. If a wide character was encountered which could not be
>   converted, *(size_t) -1* is returned.

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

Interface	Attribute	Value
wcstombs()	Thread safety	MT-Safe

CONFORMING TO
>   POSIX.1-2001, POSIX.1-2008, C99.

NOTES
>   The behavior of **wcstombs**() depends on the **LC_CTYPE** category of the current locale.
>
>   The function wcsrtombs(3) provides a better interface to the same functionality.

SEE ALSO
>   mblen(3), mbstowcs(3), mbtowc(3), wcsrtombs(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/.