

NAME

wcstombs - convert a wide-character string to a character string

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

#include <stdlib.h>

size_t

wcstombs(*char * restrict mbstring, const wchar_t * restrict wcstring, size_t nbytes*);

DESCRIPTION

The **wcstombs**() function converts a wide character string *wcstring* into a multibyte character string, *mbstring*, beginning in the initial conversion state. Up to *nbytes* bytes are stored in *mbstring*. Partial multibyte characters at the end of the string are not stored. The multibyte character string is null terminated if there is room.

RETURN VALUES

The **wcstombs**() function returns the number of bytes converted (not including any terminating null), if successful, otherwise it returns (*size_t*)-1.

ERRORS

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

[EILSEQ] An invalid wide character was encountered.

[EINVAL] The conversion state is invalid.

SEE ALSO

mbstowcs(3), multibyte(3), wcsrtombs(3), wctomb(3)

STANDARDS

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