Red Hat Enterprise Linux Release 9.2 Manual Pages on 'btowc.3' command

$ man btowc.3

BTOWC(3)   Linux Programmer's Manual   BTOWC(3)

NAME

   btowc - convert single byte to wide character

SYNOPSIS

   #include <wchar.h>

   wint_t btowc(int c);

DESCRIPTION

   The btowc() function converts c, interpreted as a multibyte sequence of

   length 1, starting in the initial shift state, to a wide character and

   returns it. If c is EOF or not a valid multibyte sequence of length 1,

   the btowc() function returns WEOF.

RETURN VALUE

   The btowc() function returns the wide character converted from the sin?

   gle byte c. If c is EOF or not a valid multibyte sequence of length 1,

   it returns WEOF.

ATTRIBUTES

   For an explanation of the terms used in this section, see at?

   tributes(7).

   ???

   ?Interface ? Attribute   ? Value   ?

   ???

   ?btowc()   ? Thread safety ? MT-Safe ?

   ???

CONFORMING TO

POSIX.1-2001, POSIX.1-2008, C99.

NOTES

The behavior of btowc() depends on the LC_CTYPE category of the current locale.

This function should never be used. It does not work for encodings which have state, and unnecessarily treats single bytes differently from multibyte sequences. Use either mbtowc(3) or the thread-safe mbr? towc(3) instead.

SEE ALSO

mbrtowc(3), mbtowc(3), wctob(3)

COLOPHON

This page is part of release 5.10 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/.

GNU   2015-08-08   BTOWC(3)