Rocky Enterprise Linux 9.2 Manual Pages on command 'btowc.3'

$ 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 single 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 attributes(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 mbrtowc(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/.

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