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

$ man towupper_l.3

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

NAME

    towupper, towupper_l - convert a wide character to uppercase

SYNOPSIS

    #include <wctype.h>

    wint_t towupper(wint_t wc);

    wint_t towupper_l(wint_t wc, locale_t locale);

  Feature Test Macro Requirements for glibc (see feature_test_macros(7)):

    towupper_l():

      Since glibc 2.10:

        _XOPEN_SOURCE >= 700

      Before glibc 2.10:

        _GNU_SOURCE

DESCRIPTION

    The towupper() function is the wide-character equivalent of the toup?

    per(3) function. If wc is a lowercase wide character, and there exists

    an uppercase equivalent in the current locale, it returns the uppercase

equivalent of wc. In all other cases, wc is returned unchanged.

The towupper_l() function performs the same task, but performs the con‐
version based on the character type information in the locale specified
by locale. The behavior of towupper_l() is undefined if locale is the
special locale object LC_GLOBAL_LOCALE (see duplocale(3)) or is not a
valid locale object handle.

The argument wc must be representable as a wchar_t and be a valid char‐
acter in the locale or be the value WEOF.

RETURN VALUE

If wc was convertible to uppercase, towupper() returns its uppercase
equivalent; otherwise it returns wc.

VERSIONS

The towupper_l() function first appeared in glibc 2.3.

ATTRIBUTES

For an explanation of the terms used in this section, see at‐
tributes(7).

???
?Interface   ? Attribute   ? Value   ?
???
?towupper()   ? Thread safety ? MT-Safe locale ?
???
?towupper_l() ? Thread safety ? MT-Safe   ?
???

CONFORMING TO

towupper(): C99, POSIX.1-2001 (XSI); present as an XSI extension in
POSIX.1-2008, but marked obsolete.

towupper_l(): POSIX.1-2008.

NOTES

The behavior of these functions depends on the LC_CTYPE category of the
locale.

These functions are not very appropriate for dealing with Unicode char‐
acters, because Unicode knows about three cases: upper, lower and title
case.

SEE ALSO

iswupper(3), towctrans(3), towlower(3), locale(7)

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   2017-09-15   TOWUPPER(3)