NAME

iswupper − test for uppercase wide character

SYNOPSIS

#include <wctype.h>

int iswupper(wint_t *wc***);**

DESCRIPTION

The **iswupper**() function is the wide-character equivalent of the **isupper**(3) function. It tests whether *wc* is a wide character belonging to the wide-character class "upper".

The wide-character class "upper" is a subclass of the wide-character class "alpha", and therefore also a subclass of the wide-character class "alnum", of the wide-character class "graph" and of the wide-character class "print".

Being a subclass of the wide-character class "print", the wide-character class "upper" is disjoint from the wide-character class "cntrl".

Being a subclass of the wide-character class "graph", the wide-character class "upper" is disjoint from the wide-character class "space" and its subclass "blank".

Being a subclass of the wide-character class "alnum", the wide-character class "upper" is disjoint from the wide-character class "punct".

Being a subclass of the wide-character class "alpha", the wide-character class "upper" is disjoint from the wide-character class "digit".

The wide-character class "upper" contains at least those characters *wc* which are equal to *towupper(wc)* and different from *towlower(wc)*.

The wide-character class "upper" always contains at least the letters 'A' to 'Z'.

RETURN VALUE

The **iswupper**() function returns nonzero if *wc* is a wide character belonging to the wide-character class "upper". Otherwise, it returns zero.

ATTRIBUTES

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

Interface	Attribute	Value
iswupper()	Thread safety	MT-Safe locale

CONFORMING TO

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

NOTES

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

This function is not very appropriate for dealing with Unicode characters, because Unicode knows about three cases: upper, lower and title case.

SEE ALSO

isupper(3), **iswctype**(3), **towupper**(3)

COLOPHON

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