



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

\$ man iswupper.3

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

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).

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?Interface ? Attribute ? Value ?

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?iswupper() ? Thread safety ? MT-Safe locale ?

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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

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/>.