## NAME

wcsncasecmp − compare two fixed-size wide-character strings, ignoring case

## SYNOPSIS

**#include <wchar.h>**

**int wcsncasecmp(const wchar_t \****s1***, const wchar_t \****s2***, size_t** *n***);**

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

**wcsncasecmp**():
    Since glibc 2.10:
        _POSIX_C_SOURCE >= 200809L
    Before glibc 2.10:
        _GNU_SOURCE

## DESCRIPTION

The **wcsncasecmp**() function is the wide-character equivalent of the **strncasecmp**(3) function. It compares the wide-character string pointed to by *s1* and the wide-character string pointed to by *s2*, but at most *n* wide characters from each string, ignoring case differences (**towupper**(3), **towlower**(3)).

## RETURN VALUE

The **wcsncasecmp**() function returns zero if the wide-character strings at *s1* and *s2*, truncated to at most length *n*, are equal except for case distinctions. It returns a positive integer if truncated *s1* is greater than truncated *s2*, ignoring case. It returns a negative integer if truncated *s1* is smaller than truncated *s2*, ignoring case.

## VERSIONS

The **wcsncasecmp**() function is provided in glibc since version 2.1.

## ATTRIBUTES

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

| Interface | Attribute | Value |
|---|---|---|
| **wcsncasecmp**() | Thread safety | MT-Safe locale |

## CONFORMING TO

POSIX.1-2008. This function is not specified in POSIX.1-2001, and is not widely available on other systems.

## NOTES

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

## SEE ALSO

**strncasecmp**(3), **wcsncmp**(3)

## COLOPHON

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