

**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
<b>wcsncasecmp()</b>	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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