

**NAME**

wscmp - compare two wide-character strings

**SYNOPSIS**

```
#include <wchar.h>
```

```
int wscmp(const wchar_t *s1, const wchar_t *s2);
```

**DESCRIPTION**

The **wscmp()** function is the wide-character equivalent of the [strcmp\(3\)](#) function. It compares the wide-character string pointed to by *s1* and the wide-character string pointed to by *s2*.

**RETURN VALUE**

The **wscmp()** function returns zero if the wide-character strings at *s1* and *s2* are equal. It returns an integer greater than zero if at the first differing position *i*, the corresponding wide-character *s1[i]* is greater than *s2[i]*. It returns an integer less than zero if at the first differing position *i*, the corresponding wide-character *s1[i]* is less than *s2[i]*.

**ATTRIBUTES**

For an explanation of the terms used in this section, see [attributes\(7\)](#).

| Interface | Attribute     | Value   |
|-----------|---------------|---------|
| wscmp()   | Thread safety | MT-Safe |

**CONFORMING TO**

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

**SEE ALSO**

[strcmp\(3\)](#), [wcscasecmp\(3\)](#), [wmemcmp\(3\)](#)

**COLOPHON**

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