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## **Red Hat Enterprise Linux Release 9.2 Manual Pages on 'wcsncmp.3' command**

**\$ man wcsncmp.3**

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

### NAME

wcsncmp - compare two fixed-size wide-character strings

### SYNOPSIS

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

```
int wcsncmp(const wchar_t *s1, const wchar_t *s2, size_t n);
```

### DESCRIPTION

The `wcsncmp()` function is the wide-character equivalent of the `strncmp(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. In each string, the comparison extends only up to the first occurrence of a null wide character (`L'\0'`), if any.

### RETURN VALUE

The `wcsncmp()` function returns zero if the wide-character strings at `s1` and `s2`, truncated to at most length `n`, are equal. It returns an integer greater than zero if at the first differing position `i` ( $i < n$ ), 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` ( $i < n$ ), 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)`.

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?Interface ? Attribute ? Value ?

??

?wcsncmp() ? Thread safety ? MT-Safe ?

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CONFORMING TO

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

SEE ALSO

strncmp(3), wcsncasecmp(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/>.

GNU 2019-03-06 WCSNCMP(3)