



Linux Ubuntu 26.04 Manual Pages on command 'wcsncmp.3'

\$ man wcsncmp.3

wcsncmp(3) Library Functions Manual wcsncmp(3)

NAME _____

wcsncmp - compare two fixed-size wide-character strings

LIBRARY

Standard C library (libc, -lc)

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 ?

[illegible]

C11, POSIX.1-2008.

POSIX.1-2001, C99.

strncmp(3), wcsncasecmp(3)

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