

NAME

`wcsncpy` – copy a fixed-size string of wide characters

SYNOPSIS

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

```
wchar_t *wcsncpy(wchar_t *dest, const wchar_t *src, size_t n);
```

DESCRIPTION

The `wcsncpy()` function is the wide-character equivalent of the `strncpy(3)` function. It copies at most n wide characters from the wide-character string pointed to by `src`, including the terminating null wide character (`L'\0'`), to the array pointed to by `dest`. Exactly n wide characters are written at `dest`. If the length `wcslen(src)` is smaller than n , the remaining wide characters in the array pointed to by `dest` are filled with null wide characters. If the length `wcslen(src)` is greater than or equal to n , the string pointed to by `dest` will not be terminated by a null wide character.

The strings may not overlap.

The programmer must ensure that there is room for at least n wide characters at `dest`.

RETURN VALUE

`wcsncpy()` returns `dest`.

ATTRIBUTES

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

Interface	Attribute	Value
<code>wcsncpy()</code>	Thread safety	MT-Safe

CONFORMING TO

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

SEE ALSO

`strncpy(3)`

COLOPHON

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