

**NAME**

wcpncpy – copy a fixed-size string of wide characters, returning a pointer to its end

**LIBRARY**

Standard C library (*libc*, *-lc*)

**SYNOPSIS**

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

```
wchar_t *wcpncpy(wchar_t dest[restrict],
                  const wchar_t src[restrict],
                  size_t n);
```

Feature Test Macro Requirements for glibc (see **feature\_test\_macros(7)**):

**wcpncpy()**:

Since glibc 2.10:

```
_POSIX_C_SOURCE >= 200809L
```

Before glibc 2.10:

```
_GNU_SOURCE
```

**DESCRIPTION**

The **wcpncpy()** function is the wide-character equivalent of the **stpncpy(3)** function. It copies at most *n* wide characters from the wide-character string pointed to by *src*, including the terminating null wide (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 L'\0' characters. If the length *wcslen(src)* is greater than or equal to *n*, the string pointed to by *dest* will not be L'\0' terminated.

The strings may not overlap.

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

**RETURN VALUE**

**wcpncpy()** returns a pointer to the last wide character written, that is, *dest+n-1*.

**ATTRIBUTES**

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

Interface	Attribute	Value
<b>wcpncpy()</b>	Thread safety	MT-Safe

**STANDARDS**

POSIX.1-2008.

**SEE ALSO**

**stpncpy(3)**, **wcsncpy(3)**