

**NAME**

wcsncat – concatenate two wide-character strings

**LIBRARY**

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

**SYNOPSIS**

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

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

**DESCRIPTION**

The **wcsncat()** function is the wide-character equivalent of the **strncat(3)** function. It copies at most *n* wide characters from the wide-character string pointed to by *src* to the end of the wide-character string pointed to by *dest*, and adds a terminating null wide character (L'\0').

The strings may not overlap.

The programmer must ensure that there is room for at least  $wcslen(dest)+n+1$  wide characters at *dest*.

**RETURN VALUE**

**wcsncat()** returns *dest*.

**ATTRIBUTES**

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

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

**STANDARDS**

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

**SEE ALSO**

**strncat(3)**, **wscat(3)**