

NAME

wcsstr – locate a substring in a wide-character string

LIBRARY

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

SYNOPSIS

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

```
wchar_t *wcsstr(const wchar_t *haystack, const wchar_t *needle);
```

DESCRIPTION

The **wcsstr()** function is the wide-character equivalent of the **strstr(3)** function. It searches for the first occurrence of the wide-character string *needle* (without its terminating null wide character (L'\0')) as a substring in the wide-character string *haystack*.

RETURN VALUE

The **wcsstr()** function returns a pointer to the first occurrence of *needle* in *haystack*. It returns NULL if *needle* does not occur as a substring in *haystack*.

Note the special case: If *needle* is the empty wide-character string, the return value is always *haystack* itself.

ATTRIBUTES

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

| Interface | Attribute | Value |
|-----------|---------------|---------|
| wcsstr() | Thread safety | MT-Safe |

STANDARDS

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

SEE ALSO

strstr(3), **wcschr(3)**