# NAME

wmemchr – search a wide character in a wide-character array

# LIBRARY

Standard C library (*libc*, *−lc*)

# SYNOPSIS

**#include <wchar.h>**

**wchar_t *wmemchr(const wchar_t** *s***[.***n***], wchar_t** *c***, size_t** *n***);**

# DESCRIPTION

The **wmemchr**() function is the wide-character equivalent of the **memchr**(3) function. It searches the *n* wide characters starting at *s* for the first occurrence of the wide character *c*.

# RETURN VALUE

The **wmemchr**() function returns a pointer to the first occurrence of *c* among the *n* wide characters starting at *s*, or NULL if *c* does not occur among these.

# ATTRIBUTES

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

| Interface | Attribute | Value |
|-----------|-----------|-------|
| **wmemchr**() | Thread safety | MT-Safe |

# STANDARDS

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

# SEE ALSO

**memchr**(3), **wcschr**(3)