

**NAME**

wmemmove – copy an array of wide-characters

**LIBRARY**

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

**SYNOPSIS**

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

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

**DESCRIPTION**

The **wmemmove()** function is the wide-character equivalent of the **memmove(3)** function. It copies *n* wide characters from the array starting at *src* to the array starting at *dest*. The arrays may overlap.

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

**RETURN VALUE**

**wmemmove()** returns *dest*.

**ATTRIBUTES**

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

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

**STANDARDS**

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

**SEE ALSO**

**memmove(3)**, **wmemcpy(3)**