NAME
memmove – copy memory area

LIBRARY
Standard C library (*libc*, *−lc*)

SYNOPSIS
#include <string.h>

void *memmove(void *dest*[**.***n*]**, const void** *src*[**.***n*]**, size_t** *n***);**

DESCRIPTION
The **memmove**() function copies *n* bytes from memory area *src* to memory area *dest*. The memory areas may overlap: copying takes place as though the bytes in *src* are first copied into a temporary array that does not overlap *src* or *dest*, and the bytes are then copied from the temporary array to *dest*.

RETURN VALUE
The **memmove**() function returns a pointer to *dest*.

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

Interface	Attribute	Value
memmove()	Thread safety	MT-Safe

STANDARDS
POSIX.1-2001, POSIX.1-2008, C99, SVr4, 4.3BSD.

SEE ALSO
bcopy(3), **bstring**(3), **memccpy**(3), **memcpy**(3), **strcpy**(3), **strncpy**(3), **wmemmove**(3)