



## Rocky Enterprise Linux 9.2 Manual Pages on command 'memmove.3'

C:\>man memmove.3

MEMMOVE(3)                   Linux Programmer's Manual                   MEMMOVE(3)

### NAME

memmove - copy memory area

### SYNOPSIS

```
#include <string.h>

void *memmove(void *dest, const void *src, 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).

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?Interface ? Attribute ? Value ?

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?memmove() ? Thread safety ? MT-Safe ?

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### CONFORMING TO

POSIX.1-2001, POSIX.1-2008, C89, C99, SVr4, 4.3BSD.

## SEE ALSO

`bcopy(3)`, `bstring(3)`, `memccpy(3)`, `memcpy(3)`, `strcpy(3)`, `strncpy(3)`, `wmemmove(3)`

## COLOPHON

This page is part of release 5.05 of the Linux man-pages project. A description of the project, information about reporting bugs, and the latest version of this page, can be found at <https://www.kernel.org/doc/man-pages/>.

GNU

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