



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

\$ 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 at? tributes(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 5.10 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/>.

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