

NAME

memccpy – copy memory area

LIBRARY

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

SYNOPSIS

```
#include <string.h>
```

```
void *memccpy(void dest[restrict n], const void src[restrict n],  
              int c, size_t n);
```

DESCRIPTION

The **memccpy()** function copies no more than *n* bytes from memory area *src* to memory area *dest*, stopping when the character *c* is found.

If the memory areas overlap, the results are undefined.

RETURN VALUE

The **memccpy()** function returns a pointer to the next character in *dest* after *c*, or NULL if *c* was not found in the first *n* characters of *src*.

ATTRIBUTES

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

Interface	Attribute	Value
memccpy()	Thread safety	MT-Safe

STANDARDS

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

SEE ALSO

bcopy(3), **bstring(3)**, **memcpy(3)**, **memmove(3)**, **strcpy(3)**, **strncpy(3)**