

NAME

memcpy - copy memory area

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

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

```
void *
```

```
memcpy(void *restrict dst, const void *restrict src, size_t n);
```

DESCRIPTION

The **memcpy**() function copies *n* bytes from memory area *src* to memory area *dst*. If *dst* and *src* overlap, behavior is undefined. Applications in which *dst* and *src* might overlap should use **memmove**(3) instead.

RETURN VALUES

The **memcpy**() function returns the original value of *dst*.

SEE ALSO

bcopy(3), **memccpy**(3), **memmove**(3), **strcpy**(3), **wmemcpy**(3)

STANDARDS

The **memcpy**() function conforms to ISO/IEC 9899:1990 ("ISO C90").