

NAME

bcmp, bcopy, bzero, memccpy, memchr, memcmp, memcpy, memfrob, memmem, memmove, memset – byte string operations

LIBRARY

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

SYNOPSIS

```
#include <string.h>

int bcmp(size_t n;
         const void s1[n], const void s2[n], size_t n);

void bcopy(size_t n;
           const void src[n], void dest[n], size_t n);

void bzero(size_t n;
           void s[n], size_t n);

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

void *memchr(size_t n;
             const void s[n], int c, size_t n);

int memcmp(size_t n;
           const void s1[n], const void s2[n], size_t n);

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

void *memfrob(size_t n;
              void s[n], size_t n);

void *memmem(size_t hsize, size_t nsize;
             const void haystack[hsize], size_t hsize,
             const void needle[nsize], size_t nsize);

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

void *memset(size_t n;
            void s[n], int c, size_t n);
```

DESCRIPTION

The byte string functions perform operations on strings (byte arrays) that are not necessarily null-terminated. See the individual man pages for descriptions of each function.

NOTES

The functions **bcmp()** and **bcopy()** are obsolete. Use **memcmp()** and **memmove()** instead.

SEE ALSO

bcmp(3), **bcopy(3)**, **bzero(3)**, **memccpy(3)**, **memchr(3)**, **memcmp(3)**, **memcpy(3)**, **memfrob(3)**, **memmem(3)**, **memmove(3)**, **memset(3)**, **string(3)**