NAME

memchr - locate byte in byte string

LIBRARY

Standard C Library (libc, -lc)

SYNOPSIS

#include <string.h>

*void ***
memchr(*const void *b*, *int c*, *size_t len*);

*void ***
memrchr(*const void *b*, *int c*, *size_t len*);

DESCRIPTION

The **memchr**() function locates the first occurrence of *c* (converted to an *unsigned char*) in string *b*.

The **memrchr**() function behaves like **memchr**(), except that it locates the last occurrence of *c* in string *b*.

RETURN VALUES

The **memchr**() and **memrchr**() functions return a pointer to the byte located, or NULL if no such byte exists within *len* bytes.

SEE ALSO

memmem(3), strchr(3), strcspn(3), strpbrk(3), strrchr(3), strsep(3), strspn(3), strstr(3), strtok(3), wmemchr(3)

STANDARDS

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

The **memrchr**() function is a GNU extension and conforms to no standard.

HISTORY

The **memrchr**() function first appeared in GNU libc 2.1.91, this implementation first appeared in FreeBSD 6.4, coming from OpenBSD 4.3.