# Rocky Enterprise Linux 9.2 Manual Pages on command 'memmem.3'

**$ man memmem.3**

MEMMEM(3)                    Linux Programmer's Manual                    MEMMEM(3)

NAME

    memmem - locate a substring

SYNOPSIS

    #define _GNU_SOURCE        /* See feature_test_macros(7) */

    #include <string.h>

    void *memmem(const void *haystack, size_t haystacklen,

            const void *needle, size_t needlelen);

DESCRIPTION

    The  memmem()  function finds the start of the first occurrence of the substring needle of

    length needlelen in the memory area haystack of length haystacklen.

RETURN VALUE

    The memmem() function returns a pointer to the beginning of the substring, or NULL if  the

    substring is not found.

ATTRIBUTES

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

    ?????????????????????????????????????????

    ?Interface ? Attribute    ? Value   ?

    ?????????????????????????????????????????

    ?memmem()  ? Thread safety ? MT-Safe ?

    ?????????????????????????????????????????

CONFORMING TO

    This function is not specified in POSIX.1, but is present on a number of other systems.

BUGS

In glibc 2.0, if needle is empty, memmem() returns a pointer to the last byte of haystack.

This is fixed in glibc 2.1.

SEE ALSO

bstring(3), strstr(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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