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***Rocky Enterprise Linux 9.2 Manual Pages on command 'memfrob.3'***

***\$ man memfrob.3***

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

NAME

memfrob - frobnicate (encrypt) a memory area

SYNOPSIS

```
#define _GNU_SOURCE            /* See feature_test_macros(7) */  
  
#include <string.h>  
  
void *memfrob(void *s, size_t n);
```

DESCRIPTION

The memfrob() function encrypts the first n bytes of the memory area s by exclusive-ORing each character with the number 42. The effect can be reversed by using memfrob() on the encrypted memory area.

Note that this function is not a proper encryption routine as the XOR constant is fixed, and is suitable only for hiding strings.

RETURN VALUE

The memfrob() function returns a pointer to the encrypted memory area.

ATTRIBUTES

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

```
????????????????????????????????????????????  
  
?Interface ? Attribute    ? Value    ?  
  
????????????????????????????????????????????  
  
?memfrob() ? Thread safety ? MT-Safe ?  
  
????????????????????????????????????????????
```

CONFORMING TO

The memfrob() function is unique to the GNU C Library.

#### SEE ALSO

bstring(3), strfry(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/>.

GNU

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MEMFROB(3)