

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

Multithreading (see [pthreads\(7\)](#))

The **memfrob()** function is thread-safe.

CONFORMING TO

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

SEE ALSO

[strfry\(3\)](#)

COLOPHON

This page is part of release 3.74 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 <http://www.kernel.org/doc/man-pages/>.