

NAME

memset - fill memory with a constant byte

SYNOPSIS

```
#include <string.h>
```

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

DESCRIPTION

The `memset()` function fills the first *n* bytes of the memory area pointed to by *s* with the constant byte *c*.

RETURN VALUE

The `memset()` function returns a pointer to the memory area *s*.

ATTRIBUTES

Multithreading (see `pthread(7)`)

The `memset()` function is thread-safe.

CONFORMING TO

SVr4, 4.3BSD, C89, C99, POSIX.1-2001.

SEE ALSO

[bzero\(3\)](#), [swab\(3\)](#), [wmemset\(3\)](#)

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/>.