

**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/>.