

**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 pthreads(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/>.