

**NAME**

memset – fill memory with a constant byte

**LIBRARY**

Standard C library (*libc*, *-lc*)

**SYNOPSIS**

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

```
void *memset(void s[.n], 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**

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

Interface	Attribute	Value
memset()	Thread safety	MT-Safe

**STANDARDS**

POSIX.1-2001, POSIX.1-2008, C99, SVr4, 4.3BSD.

**SEE ALSO**

**bstring(3)**, **bzero(3)**, **swab(3)**, **wmemset(3)**