

**NAME**

bcmp – compare byte sequences

**SYNOPSIS**

```
#include <strings.h>
```

```
int bcmp(const void *s1, const void *s2, size_t n);
```

**DESCRIPTION**

The **bcmp()** function compares the two byte sequences *s1* and *s2* of length *n* each. If they are equal, and in particular if *n* is zero, **bcmp()** returns 0. Otherwise, it returns a nonzero result.

**RETURN VALUE**

The **bcmp()** function returns 0 if the byte sequences are equal, otherwise a nonzero result is returned.

**ATTRIBUTES**

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

Interface	Attribute	Value
<b>bcmp()</b>	Thread safety	MT-Safe

**CONFORMING TO**

4.3BSD. This function is deprecated (marked as LEGACY in POSIX.1-2001): use **memcmp(3)** in new programs. POSIX.1-2008 removes the specification of **bcmp()**.

**SEE ALSO**

**bstring(3)**, **memcmp(3)**, **strcasecmp(3)**, **strcmp(3)**, **strcoll(3)**, **strncasecmp(3)**, **strncmp(3)**

**COLOPHON**

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