

**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****Multithreading (see pthreads(7))**

The **bcmp()** function is thread-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**

[memcmp\(3\)](#), [strcasecmp\(3\)](#), [strcmp\(3\)](#), [strcoll\(3\)](#), [strncasecmp\(3\)](#), [strncmp\(3\)](#)

**COLOPHON**

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