

**NAME**

gnutls\_memcmp - API function

**SYNOPSIS**

```
#include <gnutls/gnutls.h>
```

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

**ARGUMENTS**

const void \* s1  
the first address to compare

const void \* s2  
the second address to compare

size\_t n the size of memory to compare

**DESCRIPTION**

This function will operate similarly to **memcmp()**, but will operate on time that depends only on the size of the string. That is will not return early if the strings don't match on the first byte.

**RETURNS**

non zero on difference and zero if the buffers are identical.

**SINCE**

3.4.0

**REPORTING BUGS**

Report bugs to <bugs@gnutls.org>.  
Home page: <https://www.gnutls.org>

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**SEE ALSO**

The full documentation for **gnutls** is maintained as a Texinfo manual. If the /usr/local/share/doc/gnutls/ directory does not contain the HTML form visit

<https://www.gnutls.org/manual/>