

**NAME**

gnutls\_global\_set\_mutex - API function

**SYNOPSIS**

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

```
void gnutls_global_set_mutex(mutex_init_func init, mutex_deinit_func deinit, mutex_lock_func lock,  
mutex_unlock_func unlock);
```

**ARGUMENTS**

mutex\_init\_func *init*  
mutex initialization function

mutex\_deinit\_func *deinit*  
mutex deinitialization function

mutex\_lock\_func *lock*  
mutex locking function

mutex\_unlock\_func *unlock*  
mutex unlocking function

**DESCRIPTION**

With this function you are allowed to override the default mutex locks used in some parts of gnutls and dependent libraries. This function should be used if you have complete control of your program and libraries. Do not call this function from a library, or preferably from any application unless really needed to. GnuTLS will use the appropriate locks for the running system.

This function must be called prior to any other GnuTLS function; otherwise the behavior is undefined.

**DEPRECATED**

This function is discouraged on GnuTLS 3.7.3 or later.

**SINCE**

2.12.0

**REPORTING BUGS**

Report bugs to <bugs@gnutls.org>.

Home page: <https://www.gnutls.org>

**COPYRIGHT**

Copyright (C) 2001- Free Software Foundation, Inc., and others.

Copying and distribution of this file, with or without modification, are permitted in any medium without royalty provided the copyright notice and this notice are preserved.

**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/>