

**NAME**

gnutls\_dtls\_set\_timeouts - API function

**SYNOPSIS**

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

```
void gnutls_dtls_set_timeouts(gnutls_session_t session, unsigned int retrans_timeout, unsigned int total_timeout);
```

**ARGUMENTS**

gnutls\_session\_t session

is a **gnutls\_session\_t** type.

unsigned int retrans\_timeout

The time at which a retransmission will occur in milliseconds

unsigned int total\_timeout

The time at which the connection will be aborted, in milliseconds.

**DESCRIPTION**

This function will set the timeouts required for the DTLS handshake protocol. The retransmission timeout is the time after which a message from the peer is not received, the previous messages will be retransmitted. The total timeout is the time after which the handshake will be aborted with

**GNUTLS\_E\_TIMEDOUT**.

The DTLS protocol recommends the values of 1 sec and 60 seconds respectively, and these are the default values.

To disable retransmissions set a *retrans\_timeout* larger than the *total\_timeout* .

**SINCE**

3.0

**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/>