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/