NAME

    gnutls_heartbeat_ping - API function

SYNOPSIS

    #include <gnutls/gnutls.h>

    int gnutls_heartbeat_ping(gnutls_session_t *session***, size_t** *data_size***, unsigned int** *max_tries***, unsigned int** *flags***);**

ARGUMENTS

    gnutls_session_t session

              is a **gnutls_session_t** type.

    size_t data_size

              is the length of the ping payload.

    unsigned int max_tries

              if flags is **GNUTLS_HEARTBEAT_WAIT** then this sets the number of retransmissions. Use zero for indefinite (until timeout).

    unsigned int flags

              if **GNUTLS_HEARTBEAT_WAIT** then wait for pong or timeout instead of returning immediately.

DESCRIPTION

    This function sends a ping to the peer. If the *flags* is set to **GNUTLS_HEARTBEAT_WAIT** then it waits for a reply from the peer.

    Note that it is highly recommended to use this function with the flag **GNUTLS_HEARTBEAT_WAIT**, or you need to handle retransmissions and timeouts manually.

    The total TLS data transmitted as part of the ping message are given by the following formula: MAX(16, *data_size*)+**gnutls_record_overhead_size()**+3.

RETURNS

    GNUTLS_E_SUCCESS on success, otherwise a negative error code.

SINCE

    3.1.2

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/