NAME
>   gnutls_record_recv - API function

SYNOPSIS
>   **#include <gnutls/gnutls.h>**

>   **ssize_t gnutls_record_recv(gnutls_session_t** *session*, **void *** *data*, **size_t** *data_size*);

ARGUMENTS
>   gnutls_session_t session
>   is a **gnutls_session_t** type.

>   void * data   the buffer that the data will be read into

>   size_t data_size
>   the number of requested bytes

DESCRIPTION
>   This function has the similar semantics with **recv()**. The only difference is that it accepts a GnuTLS
>   session, and uses different error codes. In the special case that the peer requests a renegotiation, the
>   caller will receive an error code of **GNUTLS_E_REHANDSHAKE**. In case of a client, this message
>   may be simply ignored, replied with an alert **GNUTLS_A_NO_RENEGOTIATION**, or replied with a
>   new handshake, depending on the client's will. A server receiving this error code can only initiate a
>   new handshake or terminate the session.

>   If **EINTR** is returned by the internal pull function (the default is **recv()**) then
>   **GNUTLS_E_INTERRUPTED** will be returned. If **GNUTLS_E_INTERRUPTED** or
>   **GNUTLS_E_AGAIN** is returned, you must call this function again to get the data. See also
>   **gnutls_record_get_direction()**.

RETURNS
>   The number of bytes received and zero on EOF (for stream connections). A negative error code is
>   returned in case of an error. The number of bytes received might be less than the requested *data_size* .

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/