

NAME

gnutls_ext_raw_parse - API function

SYNOPSIS

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

```
int gnutls_ext_raw_parse(void * ctx, gnutls_ext_raw_process_func cb, const gnutls_datum_t * data,  
unsigned int flags);
```

ARGUMENTS

void * ctx a pointer to pass to callback function

gnutls_ext_raw_process_func cb
 callback function to process each extension found

const gnutls_datum_t * data
 TLS extension data

unsigned int flags
 should be zero or **GNUTLS_EXT_RAW_FLAG_TLS_CLIENT_HELLO** or
 GNUTLS_EXT_RAW_FLAG_DTLS_CLIENT_HELLO

DESCRIPTION

This function iterates through the TLS extensions as passed in *data*, passing the individual extension data to callback. The *data* must conform to Extension extensions<0..2¹⁶-1> format.

If flags is **GNUTLS_EXT_RAW_TLS_FLAG_CLIENT_HELLO** then this function will parse the extension data from the position, as if the packet in *data* is a client hello (without record or handshake headers) - as provided by **gnutls_handshake_set_hook_function()**.

The return value of the callback will be propagated.

RETURNS

GNUTLS_E_SUCCESS on success, or an error code. On unknown flags it returns **GNUTLS_E_INVALID_REQUEST**.

SINCE

3.6.3

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/>