

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_FLAG_TLS_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>

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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/>