

NAME

gnutls_range_split - API function

SYNOPSIS

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

```
int gnutls_range_split(gnutls_session_t session, const gnutls_range_st * orig, gnutls_range_st * next,  
gnutls_range_st * remainder);
```

ARGUMENTS

gnutls_session_t session

is a **gnutls_session_t** type

const gnutls_range_st * orig

is the original range provided by the user

gnutls_range_st * next

is the returned range that can be conveyed in a TLS record

gnutls_range_st * remainder

is the returned remaining range

DESCRIPTION

This function should be used when it is required to hide the length of very long data that cannot be directly provided to **gnutls_record_send_range()**. In that case this function should be called with the desired length hiding range in *orig*. The returned *next* value should then be used in the next call to **gnutls_record_send_range()** with the partial data. That process should be repeated until *remainder* is (0,0).

RETURNS

0 in case splitting succeeds, non zero in case of error. Note that *orig* is not changed, while the values of *next* and *remainder* are modified to store the resulting values.

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/>