

## NAME

gnutls\_session\_supplemental\_register - API function

## SYNOPSIS

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

```
int gnutls_session_supplemental_register(gnutls_session_t session, const char * name,  
gnutls_supplemental_data_format_type_t type, gnutls_supp_recv_func recv_func,  
gnutls_supp_send_func send_func, unsigned flags);
```

## ARGUMENTS

gnutls\_session\_t session  
the session for which this will be registered

const char \* name  
the name of the supplemental data to register

gnutls\_supplemental\_data\_format\_type\_t type  
the type of the supplemental data format

gnutls\_supp\_recv\_func recv\_func  
the function to receive the data

gnutls\_supp\_send\_func send\_func  
the function to send the data

unsigned flags  
must be zero

## DESCRIPTION

This function will register a new supplemental data type (rfc4680). The registered supplemental functions will be used for that specific session. The provided *type* must be an unassigned type in **gnutls\_supplemental\_data\_format\_type\_t**.

If the type is already registered or handled by GnuTLS internally **GNUTLS\_E\_ALREADY\_REGISTERED** will be returned.

As supplemental data are not defined under TLS 1.3, this function will disable TLS 1.3 support for the given session.

**RETURNS**

**GNUTLS\_E\_SUCCESS** on success, otherwise a negative error code.

**SINCE**

3.5.5

**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/>