

NAME

gnutls_supplemental_register - API function

SYNOPSIS

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

```
int gnutls_supplemental_register(const char * name, gnutls_supplemental_data_format_type_t type,  
gnutls_supp_recv_func recv_func, gnutls_supp_send_func send_func);
```

ARGUMENTS

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

DESCRIPTION

This function will register a new supplemental data type (rfc4680). The registered data will remain until **gnutls_global_deinit()** is called. 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.

This function is not thread safe. As supplemental data are not defined under TLS 1.3, this function will disable TLS 1.3 support globally.

RETURNS

GNUTLS_E_SUCCESS on success, otherwise a negative error code.

SINCE

3.4.0

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/>