

NAME

gnutls_session_set_premaster - API function

SYNOPSIS

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

```
int gnutls_session_set_premaster(gnutls_session_t session, unsigned int entity, gnutls_protocol_t version, gnutls_kx_algorithm_t kx, gnutls_cipher_algorithm_t cipher, gnutls_mac_algorithm_t mac, gnutls_compression_method_t comp, const gnutls_datum_t * master, const gnutls_datum_t * session_id);
```

ARGUMENTS

gnutls_session_t session

is a **gnutls_session_t** type.

unsigned int entity

GNUTLS_SERVER or GNUTLS_CLIENT

gnutls_protocol_t version

the TLS protocol version

gnutls_kx_algorithm_t kx

the key exchange method

gnutls_cipher_algorithm_t cipher

the cipher

gnutls_mac_algorithm_t mac

the MAC algorithm

gnutls_compression_method_t comp

the compression method (ignored)

const gnutls_datum_t * master

the master key to use

const gnutls_datum_t * session_id

the session identifier

DESCRIPTION

This function sets the pre master secret in a session. This is a function intended for exceptional uses. Do not use this function unless you are implementing a legacy protocol. Use **gnutls_session_set_data()** instead.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise an error code is returned.

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/>