

**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 premaster 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/>