

## NAME

gnutls\_certificate\_set\_x509\_trust\_mem - API function

## SYNOPSIS

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

```
int gnutls_certificate_set_x509_trust_mem(gnutls_certificate_credentials_t res, const gnutls_datum_t *
ca, gnutls_x509_cert_fmt_t type);
```

## ARGUMENTS

gnutls\_certificate\_credentials\_t res  
is a **gnutls\_certificate\_credentials\_t** type.

const gnutls\_datum\_t \* ca  
is a list of trusted CAs or a DER certificate

gnutls\_x509\_cert\_fmt\_t type  
is DER or PEM

## DESCRIPTION

This function adds the trusted CAs in order to verify client or server certificates. In case of a client this is not required to be called if the certificates are not verified using **gnutls\_certificate\_verify\_peers2()**. This function may be called multiple times.

In case of a server the CAs set here will be sent to the client if a certificate request is sent. This can be disabled using **gnutls\_certificate\_send\_x509\_rdn\_sequence()**.

## RETURNS

the number of certificates processed or a negative error code on error.

## REPORTING BUGS

Report bugs to <bugs@gnutls.org>.  
Home page: <https://www.gnutls.org>

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gnutls

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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/>