

NAME

gnutls_certificate_set_x509_trust_file - API function

SYNOPSIS

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

```
int gnutls_certificate_set_x509_trust_file(gnutls_certificate_credentials_t cred, const char * cafile,  
gnutls_x509_crt_fmt_t type);
```

ARGUMENTS

gnutls_certificate_credentials_t cred
is a **gnutls_certificate_credentials_t** type.

const char * cafile
is a file containing the list of trusted CAs (DER or PEM list)

gnutls_x509_crt_fmt_t type
is PEM or DER

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 names of 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()**.

This function can also accept URLs. In that case it will import all certificates that are marked as trusted. Note that the supported URLs are the ones indicated by **gnutls_url_is_supported()**.

RETURNS

the number of certificates processed

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/>