

NAME

gnutls_x509_cert_verify - API function

SYNOPSIS

```
#include <gnutls/x509.h>
```

```
int gnutls_x509_cert_verify(gnutls_x509_cert_t cert, const gnutls_x509_cert_t * CA_list, unsigned CA_list_length, unsigned int flags, unsigned int * verify);
```

ARGUMENTS

gnutls_x509_cert_t cert

is the certificate to be verified

const gnutls_x509_cert_t * CA_list

is one certificate that is considered to be trusted one

unsigned CA_list_length

holds the number of CA certificate in CA_list

unsigned int flags

Flags that may be used to change the verification algorithm. Use OR of the gnutls_certificate_verify_flags enumerations.

unsigned int * verify

will hold the certificate verification output.

DESCRIPTION

This function will try to verify the given certificate and return its status. Note that a verification error does not imply a negative return status. In that case the *verify* status is set.

The details of the verification are the same as in **gnutls_x509_trust_list_verify_cert2()**.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error value.

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/>