

## NAME

gnutls\_x509\_trust\_list\_add\_cas - API function

## SYNOPSIS

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

```
int gnutls_x509_trust_list_add_cas(gnutls_x509_trust_list_t list, const gnutls_x509_cert_t * clist,
unsigned clist_size, unsigned int flags);
```

## ARGUMENTS

gnutls\_x509\_trust\_list\_t list

The list

const gnutls\_x509\_cert\_t \* clist

A list of CAs

unsigned clist\_size

The length of the CA list

unsigned int flags

flags from **gnutls\_trust\_list\_flags\_t**

## DESCRIPTION

This function will add the given certificate authorities to the trusted list. The CAs in *clist* must not be deinitialized during the lifetime of *list*.

If the flag **GNUTLS\_TL\_NO\_DUPLICATES** is specified, then this function will ensure that no duplicates will be present in the final trust list.

If the flag **GNUTLS\_TL\_NO\_DUPLICATE\_KEY** is specified, then this function will ensure that no certificates with the same key are present in the final trust list.

If either **GNUTLS\_TL\_NO\_DUPLICATE\_KEY** or **GNUTLS\_TL\_NO\_DUPLICATES** are given, **gnutls\_x509\_trust\_list\_deinit()** must be called with parameter *all* being 1.

## RETURNS

The number of added elements is returned; that includes duplicate entries.

## SINCE

3.0.0

## REPORTING BUGS

Report bugs to <[bugs@gnutls.org](mailto: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/>