

## NAME

gnutls\_x509\_cert\_list\_import - API function

## SYNOPSIS

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

```
int gnutls_x509_cert_list_import(gnutls_x509_cert_t * certs, unsigned int * cert_max, const  
gnutls_datum_t * data, gnutls_x509_cert_fmt_t format, unsigned int flags);
```

## ARGUMENTS

gnutls\_x509\_cert\_t \* *certs*

Indicates where the parsed list will be copied to. Must not be initialized.

unsigned int \* *cert\_max*

Initially must hold the maximum number of certs. It will be updated with the number of certs available.

const gnutls\_datum\_t \* *data*

The PEM encoded certificate.

gnutls\_x509\_cert\_fmt\_t *format*

One of DER or PEM.

unsigned int *flags*

must be (0) or an OR'd sequence of gnutls\_certificate\_import\_flags.

## DESCRIPTION

This function will convert the given PEM encoded certificate list to the native gnutls\_x509\_cert\_t format. The output will be stored in *certs*. They will be automatically initialized.

The flag **GNUTLS\_X509\_CERT\_LIST\_IMPORT\_FAIL\_IF\_EXCEED** will cause import to fail if the certificates in the provided buffer are more than the available structures. The **GNUTLS\_X509\_CERT\_LIST\_FAIL\_IF\_UNSORTED** flag will cause the function to fail if the provided list is not sorted from subject to issuer.

If the Certificate is PEM encoded it should have a header of "X509 CERTIFICATE", or "CERTIFICATE".

## RETURNS

the number of certificates read or 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/>