

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>

COPYRIGHT

Copyright (C) 2001- Free Software Foundation, Inc., and others.

Copying and distribution of this file, with or without modification, are permitted in any medium without royalty provided the copyright notice and this notice are preserved.

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/>