

NAME

gnutls_pcert_list_import_x509_file - API function

SYNOPSIS

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

```
int gnutls_pcert_list_import_x509_file(gnutls_pcert_st * pcert_list, unsigned * pcert_list_size, const char * file, gnutls_x509_cert_fmt_t format, gnutls_pin_callback_t pin_fn, void * pin_fn_userdata, unsigned int flags);
```

ARGUMENTS

gnutls_pcert_st * pcert_list

The structures to store the certificates; must not contain initialized **gnutls_pcert_st** structures.

unsigned * pcert_list_size

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

const char * file

A file or supported URI with the certificates to load

gnutls_x509_cert_fmt_t format

GNUTLS_X509_FMT_DER or **GNUTLS_X509_FMT_PEM** if a file is given

gnutls_pin_callback_t pin_fn

a PIN callback if not globally set

void * pin_fn_userdata

parameter for the PIN callback

unsigned int flags

zero or flags from **gnutls_certificate_import_flags**

DESCRIPTION

This convenience function will import a certificate chain from the given file or supported URI to **gnutls_pcert_st** structures. The structures must be deinitialized afterwards using **gnutls_pcert_deinit()**.

This function will always return a sorted certificate chain.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error value; if the *pcert* list doesn't have enough space **GNUTLS_E_SHORT_MEMORY_BUFFER** will be returned.

SINCE

3.6.3

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/>