

NAME

gnutls_x509_cert_list_import_url - API function

SYNOPSIS

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

```
int gnutls_x509_cert_list_import_url(gnutls_x509_cert_t ** certs, unsigned int * size, const char * url,  
gnutls_pin_callback_t pin_fn, void * pin_fn_userdata, unsigned int flags);
```

ARGUMENTS

gnutls_x509_cert_t ** certs

Will hold the allocated certificate list.

unsigned int * size

It will contain the size of the list.

const char * url

A PKCS 11 url

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

One of GNUTLS_PKCS11_OBJ_* flags for PKCS11 URLs or zero otherwise

DESCRIPTION

This function will import a certificate chain present in a PKCS11 token or any type of back-end that supports URLs. The certificates must be deinitialized afterwards using **gnutls_x509_cert_deinit()** and the returned pointer must be freed using **gnutls_free()**.

The URI provided must be the first certificate in the chain; subsequent certificates will be retrieved using **gnutls_pkcs11_get_raw_issuer()** or equivalent functionality for the supported URI.

RETURNS

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

SINCE

3.6.3

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/>