

**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/>