

NAME

gnutls_pkcs11_copy_x509_privkey2 - API function

SYNOPSIS

```
#include <gnutls/pkcs11.h>
```

```
int gnutls_pkcs11_copy_x509_privkey2(const char * token_url, gnutls_x509_privkey_t key, const char  
* label, const gnutls_datum_t * cid, unsigned int key_usage, unsigned int flags);
```

ARGUMENTS

const char * token_url

A PKCS **11** URL specifying a token

gnutls_x509_privkey_t key

A private key

const char * label

A name to be used for the stored data

const gnutls_datum_t * cid

The CKA_ID to set for the object -if NULL, the ID will be derived from the public key

unsigned int key_usage

One of GNUTLS_KEY_*

unsigned int flags

One of GNUTLS_PKCS11_OBJ_* flags

DESCRIPTION

This function will copy a private key into a PKCS **11** token specified by a URL.

Since 3.6.3 the objects are marked as sensitive by default unless

GNUTLS_PKCS11_OBJ_FLAG_MARK_NOT_SENSITIVE is specified.

RETURNS

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

SINCE

3.4.0

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/>