NAME

gnutls_pkcs11_copy_pubkey - API function

SYNOPSIS

#include <gnutls/pkcs11.h>

int gnutls_pkcs11_copy_pubkey(const char * *token_url***, gnutls_pubkey_t** *pubkey***, 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_pubkey_t pubkey

The public key to copy

const char * label

The 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_FLAG_*

DESCRIPTION

This function will copy a public key object into a PKCS **11** token specified by a URL. Valid flags to mark the key: **GNUTLS_PKCS11_OBJ_FLAG_MARK_TRUSTED**, **GNUTLS_PKCS11_OBJ_FLAG_MARK_PRIVATE**, **GNUTLS_PKCS11_OBJ_FLAG_MARK_CA**, **GNUTLS_PKCS11_OBJ_FLAG_MARK_ALWAYS_AUTH**.

RETURNS

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

SINCE

3.4.6

REPORTING BUGS

Report bugs to <bugs@gnutls.org>.
Home page: https://www.gnutls.org

COPYRIGHT

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/