NAME

gnutls_pkcs11_obj_list_import_url4 - API function

SYNOPSIS

#include <gnutls/pkcs11.h>

int gnutls_pkcs11_obj_list_import_url4(gnutls_pkcs11_obj_t ** *p_list*, unsigned int * *n_list*, const char * *url*, unsigned int *flags*)**;**

ARGUMENTS

gnutls_pkcs11_obj_t ** p_list

   An uninitialized object list (may be NULL)

unsigned int * n_list

   It will contain the size of the list.

const char * url

   A PKCS 11 url identifying a set of objects

unsigned int flags

   Or sequence of GNUTLS_PKCS11_OBJ_* flags

DESCRIPTION

This function will enumerate all the objects specified by the PKCS**11** URL provided. It will initialize and set values to the object pointer list (*p_list*) provided. To obtain a list of all available objects use a *url* of 'pkcs11:'.

All returned objects must be deinitialized using **gnutls_pkcs11_obj_deinit**(), and *p_list* must be deinitialized using **gnutls_free**().

The supported in this function *flags* are **GNUTLS_PKCS11_OBJ_FLAG_LOGIN**, **GNUTLS_PKCS11_OBJ_FLAG_LOGIN_SO**, **GNUTLS_PKCS11_OBJ_FLAG_PRESENT_IN_TRUSTED_MODULE**, **GNUTLS_PKCS11_OBJ_FLAG_CRT**, **GNUTLS_PKCS11_OBJ_FLAG_PUBKEY**, **GNUTLS_PKCS11_OBJ_FLAG_PRIVKEY**, **GNUTLS_PKCS11_OBJ_FLAG_WITH_PRIVKEY**, **GNUTLS_PKCS11_OBJ_FLAG_MARK_CA**, **GNUTLS_PKCS11_OBJ_FLAG_MARK_TRUSTED**, and since 3.5.1 the **GNUTLS_PKCS11_OBJ_FLAG_OVERWRITE_TRUSTMOD_EXT**.

On versions of GnuTLS prior to 3.4.0 the equivalent function was **gnutls_pkcs11_obj_list_import_url2**(). That is also available on this version as a macro which maps to

this function.

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

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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/