NAME
gnutls_x509_privkey_import2 - API function

SYNOPSIS
#include <gnutls/x509.h>

int gnutls_x509_privkey_import2(gnutls_x509_privkey_t *key***, const gnutls_datum_t *** *data***, gnutls_x509_crt_fmt_t** *format***, const char *** *password***, unsigned int** *flags***);**

ARGUMENTS
gnutls_x509_privkey_t key
> The data to store the parsed key

const gnutls_datum_t * data
> The DER or PEM encoded key.

gnutls_x509_crt_fmt_t format
> One of DER or PEM

const char * password
> A password (optional)

unsigned int flags
> an ORed sequence of gnutls_pkcs_encrypt_flags_t

DESCRIPTION
This function will import the given DER or PEM encoded key, to the native **gnutls_x509_privkey_t** format, irrespective of the input format. The input format is auto-detected.

The supported formats are basic unencrypted key, PKCS8, PKCS12, and the openssl format.

If the provided key is encrypted but no password was given, then **GNUTLS_E_DECRYPTION_FAILED** is returned. Since GnuTLS 3.4.0 this function will utilize the PIN callbacks if any.

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

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/