

**NAME**

gnutls\_x509\_privkey\_import\_openssl - API function

**SYNOPSIS**

```
#include <gnutls/x509.h>
```

```
int gnutls_x509_privkey_import_openssl(gnutls_x509_privkey_t key, const gnutls_datum_t * data,  
const char * password);
```

**ARGUMENTS**

gnutls\_x509\_privkey\_t key

The data to store the parsed key

const gnutls\_datum\_t \* data

The DER or PEM encoded key.

const char \* password

the password to decrypt the key (if it is encrypted).

**DESCRIPTION**

This function will convert the given PEM encrypted to the native gnutls\_x509\_privkey\_t format. The output will be stored in *key*.

The *password* should be in ASCII. If the password is not provided or wrong then

**GNUTLS\_E\_DECRYPTION\_FAILED** will be returned.

If the Certificate is PEM encoded it should have a header of "PRIVATE KEY" and the "DEK-Info" header.

**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/>