

NAME

gnutls_pkcs11_privkey_generate - API function

SYNOPSIS

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

```
int gnutls_pkcs11_privkey_generate(const char * url, gnutls_pk_algorithm_t pk, unsigned int bits,  
const char * label, unsigned int flags);
```

ARGUMENTS

const char * url

a token URL

gnutls_pk_algorithm_t pk

the public key algorithm

unsigned int bits

the security bits

const char * label

a label

unsigned int flags

should be zero

DESCRIPTION

This function will generate a private key in the specified by the *url* token. The private key will be generate within the token and will not be exportable.

RETURNS

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

SINCE

3.0

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/>