

NAME

gnutls_x509_crq_set_spki - API function

SYNOPSIS

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

```
int gnutls_x509_crq_set_spki(gnutls_x509_crq_t crq, const gnutls_x509_spki_t spki, unsigned int flags);
```

ARGUMENTS

gnutls_x509_crq_t crq

a certificate request of type **gnutls_x509_crq_t**

const gnutls_x509_spki_t spki

a SubjectPublicKeyInfo structure of type **gnutls_x509_spki_t**

unsigned int flags

must be zero

DESCRIPTION

This function will set the certificate request's subject public key information explicitly. This is intended to be used in the cases where a single public key (e.g., RSA) can be used for multiple signature algorithms (RSA PKCS1-1.5, and RSA-PSS).

To export the public key (i.e., the SubjectPublicKeyInfo part), check **gnutls_pubkey_import_x509()**.

RETURNS

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

SINCE

3.6.0

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/>