

NAME

gnutls_x509_privkey_import_rsa_raw2 - API function

SYNOPSIS

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

```
int gnutls_x509_privkey_import_rsa_raw2(gnutls_x509_privkey_t key, const gnutls_datum_t * m,  
const gnutls_datum_t * e, const gnutls_datum_t * d, const gnutls_datum_t * p, const gnutls_datum_t *  
q, const gnutls_datum_t * u, const gnutls_datum_t * e1, const gnutls_datum_t * e2);
```

ARGUMENTS

gnutls_x509_privkey_t key

The data to store the parsed key

const gnutls_datum_t * m

holds the modulus

const gnutls_datum_t * e

holds the public exponent

const gnutls_datum_t * d

holds the private exponent

const gnutls_datum_t * p

holds the first prime (p)

const gnutls_datum_t * q

holds the second prime (q)

const gnutls_datum_t * u

holds the coefficient (optional)

const gnutls_datum_t * e1

holds $e1 = d \bmod (p-1)$ (optional)

const gnutls_datum_t * e2

holds $e2 = d \bmod (q-1)$ (optional)

DESCRIPTION

This function will convert the given RSA raw parameters to the native **gnutls_x509_privkey_t** format.

The output will be stored in
key .

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/>