

**NAME**

gnutls\_pubkey\_export\_gost\_raw2 - API function

**SYNOPSIS**

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

```
int gnutls_pubkey_export_gost_raw2(gnutls_pubkey_t key, gnutls_ecc_curve_t * curve,  
gnutls_digest_algorithm_t * digest, gnutls_gost_paramset_t * paramset, gnutls_datum_t * x,  
gnutls_datum_t * y, unsigned int flags);
```

**ARGUMENTS**

gnutls\_pubkey\_t key

Holds the public key

gnutls\_ecc\_curve\_t \* curve

will hold the curve (may be **NULL**)

gnutls\_digest\_algorithm\_t \* digest

will hold the curve (may be **NULL**)

gnutls\_gost\_paramset\_t \* paramset

will hold the parameters id (may be **NULL**)

gnutls\_datum\_t \* x

will hold the x-coordinate (may be **NULL**)

gnutls\_datum\_t \* y

will hold the y-coordinate (may be **NULL**)

unsigned int flags

flags from **gnutls\_abstract\_export\_flags\_t**

**DESCRIPTION**

This function will export the GOST public key's parameters found in the given key. The new parameters will be allocated using **gnutls\_malloc()** and will be stored in the appropriate datum.

**NOTE**

parameters will be stored with least significant byte first. On version 3.6.3 this was incorrectly returned in big-endian format.

**RETURNS**

**GNUTLS\_E\_SUCCESS** on success, otherwise a negative error code.

**SINCE**

3.6.3

**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/>