

**NAME**

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

**SYNOPSIS**

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

```
int gnutls_privkey_export_gost_raw2(gnutls_privkey_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, gnutls_datum_t * k, unsigned int flags);
```

**ARGUMENTS**

gnutls\_privkey\_t key

Holds the public key

gnutls\_ecc\_curve\_t \* curve

will hold the curve

gnutls\_digest\_algorithm\_t \* digest

will hold the digest

gnutls\_gost\_paramset\_t \* paramset

will hold the GOST parameter set ID

gnutls\_datum\_t \* x

will hold the x-coordinate

gnutls\_datum\_t \* y

will hold the y-coordinate

gnutls\_datum\_t \* k

will hold the private key

unsigned int flags

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

**DESCRIPTION**

This function will export the GOST private key's parameters found in the given structure. 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>

## COPYRIGHT

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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/>