

gnutls_x509_privkey_export_gost_raw(3) gnutls gnutls_x509_privkey_export_gost_raw(3)

NAME

gnutls_x509_privkey_export_gost_raw - API function

SYNOPSIS

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

```
int gnutls_x509_privkey_export_gost_raw(gnutls_x509_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);
```

ARGUMENTS

gnutls_x509_privkey_t key
a 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

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

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

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/>