

NAME

gnutls_privkey_import_gost_raw - API function

SYNOPSIS

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

```
int gnutls_privkey_import_gost_raw(gnutls_privkey_t key, gnutls_ecc_curve_t curve,  
gnutls_digest_algorithm_t digest, gnutls_gost_paramset_t paramset, const gnutls_datum_t * x, const  
gnutls_datum_t * y, const gnutls_datum_t * k);
```

ARGUMENTS

gnutls_privkey_t key

The key

gnutls_ecc_curve_t curve

holds the curve

gnutls_digest_algorithm_t digest

holds the digest

gnutls_gost_paramset_t paramset

holds the GOST parameter set ID

const gnutls_datum_t * x

holds the x-coordinate

const gnutls_datum_t * y

holds the y-coordinate

const gnutls_datum_t * k

holds the k (private key)

DESCRIPTION

This function will convert the given GOST private key's parameters to the native **gnutls_privkey_t** format. The output will be stored in *key*. *digest* should be one of GNUTLS_DIG_GOSR_94, GNUTLS_DIG_STREEBOG_256 or GNUTLS_DIG_STREEBOG_512. If *paramset* is set to GNUTLS_GOST_PARAMSET_UNKNOWN default one will be selected depending on *digest*.

NOTE

parameters should be stored with least significant byte first. On version 3.6.3 big-endian format was used incorrectly.

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/>