

NAME

gnutls_privkey_import_ecc_raw - API function

SYNOPSIS

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

```
int gnutls_privkey_import_ecc_raw(gnutls_privkey_t key, gnutls_ecc_curve_t curve, 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

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 elliptic curve parameters to the native **gnutls_privkey_t** format. The output will be stored in *key* .

In EdDSA curves the *y* parameter should be **NULL** and the *x* and *k* parameters must be in the native format for the curve.

RETURNS

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

SINCE

3.0

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/>