

NAME

gnutls_pubkey_import_ecc_raw - API function

SYNOPSIS

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

```
int gnutls_pubkey_import_ecc_raw(gnutls_pubkey_t key, gnutls_ecc_curve_t curve, const
gnutls_datum_t * x, const gnutls_datum_t * y);
```

ARGUMENTS

gnutls_pubkey_t key

The structure to store the parsed 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

DESCRIPTION

This function will convert the given elliptic curve parameters to a **gnutls_pubkey_t**. The output will be stored in *key*.

In EdDSA curves the *y* parameter should be **NULL** and the *x* parameter must be the value 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/>