

NAME

gnutls_pcert_import_rawpk_raw - API function

SYNOPSIS

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

```
int gnutls_pcert_import_rawpk_raw(gnutls_pcert_st* pcert, const gnutls_datum_t* rawpubkey,  
gnutls_x509_crt_fmt_t format, unsigned int key_usage, unsigned int flags);
```

ARGUMENTS

gnutls_pcert_st* pcert

The pcert structure to import the data into.

const gnutls_datum_t* rawpubkey

The raw public-key in **gnutls_datum_t** format to be imported.

gnutls_x509_crt_fmt_t format

The format of the raw public-key. DER or PEM.

unsigned int key_usage

An ORed sequence of **GNUTLS_KEY_*** flags.

unsigned int flags

zero for now

DESCRIPTION

This convenience function will import (i.e. convert) the given raw public key *rawpubkey* into a **gnutls_pcert_st** structure. The structure must be deinitialized afterwards using **gnutls_pcert_deinit()**. Note that the caller is responsible for freeing *rawpubkey*. All necessary values will be copied into *pcert*.

Key usage (as defined by X.509 extension (2.5.29.15)) can be explicitly set because there is no certificate structure around the key to define this value. See for more info **gnutls_x509_crt_get_key_usage()**.

RETURNS

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

SINCE

3.6.6

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/>