

NAME

gnutls_pubkey_encrypt_data - API function

SYNOPSIS

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

```
int gnutls_pubkey_encrypt_data(gnutls_pubkey_t key, unsigned int flags, const gnutls_datum_t *
plaintext, gnutls_datum_t * ciphertext);
```

ARGUMENTS

gnutls_pubkey_t key

Holds the public key

unsigned int flags

should be 0 for now

const gnutls_datum_t * plaintext

The data to be encrypted

gnutls_datum_t * ciphertext

contains the encrypted data

DESCRIPTION

This function will encrypt the given data, using the public key. On success the *ciphertext* will be allocated using **gnutls_malloc()**.

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/>