

NAME

gnutls_cipher_decrypt3 - API function

SYNOPSIS

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

```
int gnutls_cipher_decrypt3(gnutls_cipher_hd_t handle, const void * ctext, size_t ctext_len, void * ptext, size_t * ptext_len, unsigned flags);
```

ARGUMENTS

gnutls_cipher_hd_t handle
is a **gnutls_cipher_hd_t** type

const void * ctext
the data to decrypt

size_t ctext_len
the length of data to decrypt

void * ptext the decrypted data

size_t * ptext_len
the available length for decrypted data

unsigned flags
flags for padding

DESCRIPTION

This function will decrypt the given data using the algorithm specified by the context. If *flags* is specified, padding for the decrypted data will be removed accordingly and *ptext_len* will be updated.

RETURNS

Zero or a negative error code on error.

SINCE

3.7.7

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/>