

**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/>