

**NAME**

gnutls\_cipher\_decrypt - API function

**SYNOPSIS**

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

```
int gnutls_cipher_decrypt(gnutls_cipher_hd_t handle, void * ctext, size_t ctext_len);
```

**ARGUMENTS**

gnutls\_cipher\_hd\_t handle  
is a **gnutls\_cipher\_hd\_t** type

void \* ctext the data to decrypt

size\_t ctext\_len  
the length of data to decrypt

**DESCRIPTION**

This function will decrypt the given data using the algorithm specified by the context.

Note that in AEAD ciphers, this will not check the tag. You will need to compare the tag sent with the value returned from **gnutls\_cipher\_tag()**.

**RETURNS**

Zero or a negative error code on error.

**SINCE**

2.10.0

**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/>