

NAME

gnutls_cipher_init - API function

SYNOPSIS

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

```
int gnutls_cipher_init(gnutls_cipher_hd_t * handle, gnutls_cipher_algorithm_t cipher, const
gnutls_datum_t * key, const gnutls_datum_t * iv);
```

ARGUMENTS

gnutls_cipher_hd_t * handle

is a **gnutls_cipher_hd_t** type

gnutls_cipher_algorithm_t cipher

the encryption algorithm to use

const gnutls_datum_t * key

the key to be used for encryption/decryption

const gnutls_datum_t * iv

the IV to use (if not applicable set NULL)

DESCRIPTION

This function will initialize the *handle* context to be usable for encryption/decryption of data. This will effectively use the current crypto backend in use by gnutls or the cryptographic accelerator in use.

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/>