

NAME

gnutls_hmac_init - API function

SYNOPSIS

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

```
int gnutls_hmac_init(gnutls_hmac_hd_t * dig, gnutls_mac_algorithm_t algorithm, const void * key,
size_t keylen);
```

ARGUMENTS

gnutls_hmac_hd_t * dig
is a **gnutls_hmac_hd_t** type

gnutls_mac_algorithm_t algorithm
the HMAC algorithm to use

const void * key
the key to be used for encryption

size_t keylen the length of the key

DESCRIPTION

This function will initialize an context that can be used to produce a Message Authentication Code (MAC) of data. This will effectively use the current crypto backend in use by gnutls or the cryptographic accelerator in use.

Note that despite the name of this function, it can be used for other MAC algorithms than HMAC.

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/>