NAME

gnutls_hmac_fast - API function

SYNOPSIS

#include <gnutls/crypto.h>

int gnutls_hmac_fast(gnutls_mac_algorithm_t *algorithm***, const void *** *key***, size_t** *keylen***, const void *** *ptext***, size_t** *ptext_len***, void *** *digest***);**

ARGUMENTS

gnutls_mac_algorithm_t algorithm
            the hash algorithm to use

const void * key
            the key to use

size_t keylen   the length of the key

const void * ptext
            the data to hash

size_t ptext_len
            the length of data to hash

void * digest   is the output value of the hash

DESCRIPTION

This convenience function will hash the given data and return output on a single call. Note, this call will not work for MAC algorithms that require nonce (like UMAC or GMAC).

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/