NAME

gnutls_x509_crt_get_key_id - API function

SYNOPSIS

#include <gnutls/x509.h>

int gnutls_x509_crt_get_key_id(gnutls_x509_crt_t *crt***, unsigned int** *flags***, unsigned char *** *output_data***, size_t *** *output_data_size***);**

ARGUMENTS

gnutls_x509_crt_t crt

Holds the certificate

unsigned int flags

should be one of the flags from **gnutls_keyid_flags_t**

unsigned char * output_data

will contain the key ID

size_t * output_data_size

holds the size of output_data (and will be replaced by the actual size of parameters)

DESCRIPTION

This function will return a unique ID that depends on the public key parameters. This ID can be used in checking whether a certificate corresponds to the given private key.

If the buffer provided is not long enough to hold the output, then *output_data_size is updated and GNUTLS_E_SHORT_MEMORY_BUFFER will be returned. The output will normally be a SHA-1 hash output, which is 20 bytes.

RETURNS

In case of failure a negative error code will be returned, and 0 on success.

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/