NAME

gnutls_x509_privkey_get_key_id - API function

SYNOPSIS

#include <gnutls/x509.h>

int gnutls_x509_privkey_get_key_id(gnutls_x509_privkey_t *key***, unsigned int** *flags***, unsigned char ***
*output_data***, size_t *** *output_data_size***);**

ARGUMENTS

gnutls_x509_privkey_t key
　　　　　a key

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 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

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error value.

REPORTING BUGS

Report bugs to <bugs@gnutls.org>.
Home page: https://www.gnutls.org

COPYRIGHT

Copyright (C) 2001- Free Software Foundation, Inc., and others.

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/