NAME

gnutls_x509_crt_set_subject_alt_name - API function

SYNOPSIS

#include <gnutls/x509.h>

int gnutls_x509_crt_set_subject_alt_name(gnutls_x509_crt_t *crt***, gnutls_x509_subject_alt_name_t** *type***, const void *** *data***, unsigned int** *data_size***, unsigned int** *flags***);**

ARGUMENTS

gnutls_x509_crt_t crt
> a certificate of type **gnutls_x509_crt_t**

gnutls_x509_subject_alt_name_t type
> is one of the gnutls_x509_subject_alt_name_t enumerations

const void * data
> The data to be set

unsigned int data_size
> The size of data to be set

unsigned int flags
> GNUTLS_FSAN_SET to clear previous data or GNUTLS_FSAN_APPEND to append.

DESCRIPTION

This function will set the subject alternative name certificate extension. It can set the following types: **GNUTLS_SAN_DNSNAME** as a text string, **GNUTLS_SAN_RFC822NAME** as a text string, **GNUTLS_SAN_URI** as a text string, **GNUTLS_SAN_IPADDRESS** as a binary IP address (4 or 16 bytes), **GNUTLS_SAN_OTHERNAME_XMPP** as a UTF8 string (since 3.5.0).

Since version 3.5.7 the **GNUTLS_SAN_RFC822NAME**, **GNUTLS_SAN_DNSNAME**, and **GNUTLS_SAN_OTHERNAME_XMPP** are converted to ACE format when necessary.

RETURNS

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

SINCE

2.6.0

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/