

gnutls_x509_cert_set_subject_alt_name(3) gnutls gnutls_x509_cert_set_subject_alt_name(3)

NAME

gnutls_x509_cert_set_subject_alt_name - API function

SYNOPSIS

```
#include <gnutls/x509.h>
```

```
int gnutls_x509_cert_set_subject_alt_name(gnutls_x509_cert_t cert, gnutls_x509_subject_alt_name_t type, const void * data, unsigned int data_size, unsigned int flags);
```

ARGUMENTS

gnutls_x509_cert_t cert

a certificate of type **gnutls_x509_cert_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/>