

NAME

gnutls_x509_cert_set_dn_by_oid - API function

SYNOPSIS

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

```
int gnutls_x509_cert_set_dn_by_oid(gnutls_x509_cert_t crt, const char * oid, unsigned int raw_flag,  
const void * name, unsigned int sizeof_name);
```

ARGUMENTS

gnutls_x509_cert_t crt

a certificate of type **gnutls_x509_cert_t**

const char * oid

holds an Object Identifier in a null terminated string

unsigned int raw_flag

must be 0, or 1 if the data are DER encoded

const void * name

a pointer to the name

unsigned int sizeof_name

holds the size of *name*

DESCRIPTION

This function will set the part of the name of the Certificate subject, specified by the given OID. The input string should be ASCII or UTF-8 encoded.

Some helper macros with popular OIDs can be found in gnutls/x509.h With this function you can only set the known OIDs. You can test for known OIDs using **gnutls_x509_dn_oid_known()**. For OIDs that are not known (by gnutls) you should properly DER encode your data, and call this function with *raw_flag* set.

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>

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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/>