

**NAME**

gnutls\_x509\_cert\_get\_dn - API function

**SYNOPSIS**

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

```
int gnutls_x509_cert_get_dn(gnutls_x509_cert_t cert, char * buf, size_t * buf_size);
```

**ARGUMENTS**

gnutls\_x509\_cert\_t cert

should contain a **gnutls\_x509\_cert\_t** type

char \* buf a pointer to a structure to hold the name (may be null)

size\_t \* buf\_size

initially holds the size of *buf*

**DESCRIPTION**

This function will copy the name of the Certificate in the provided buffer. The name will be in the form "C=xxxx,O=yyyy,CN=zzzz" as described in RFC4514. The output string will be ASCII or UTF-8 encoded, depending on the certificate data.

The *buf* returned will be null terminated and the *buf\_size* will account for the trailing null. If *buf* is null then only the size will be filled.

This function does not output a fully RFC4514 compliant string, if that is required see **gnutls\_x509\_cert\_get\_dn3()**.

**RETURNS**

**GNUTLS\_E\_SHORT\_MEMORY\_BUFFER** if the provided buffer is not long enough, and in that case the *buf\_size* will be updated with the required size.

**GNUTLS\_E\_REQUESTED\_DATA\_NOT\_AVAILABLE** if the DN does not exist, or another error value on error. On success 0 is returned.

**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/>