

NAME

gnutls_x509_crl_get_issuer_dn_by_oid - API function

SYNOPSIS

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

```
int gnutls_x509_crl_get_issuer_dn_by_oid(gnutls_x509_crl_t crl, const char * oid, unsigned indx,
unsigned int raw_flag, void * buf, size_t * sizeof_buf);
```

ARGUMENTS

gnutls_x509_crl_t *crl*

should contain a gnutls_x509_crl_t type

const char * *oid*

holds an Object Identified in null terminated string

unsigned int *indx* In case multiple same OIDs exist in the RDN, this specifies which to send. Use (0) to get the first one.

unsigned int *raw_flag*

If non-zero returns the raw DER data of the DN part.

void * *buf* a pointer to a structure to hold the peer's name (may be null)

size_t * *sizeof_buf*

initially holds the size of *buf*

DESCRIPTION

This function will extract the part of the name of the CRL issuer specified by the given OID. The output will be encoded as described in RFC4514. The output string will be ASCII or UTF-8 encoded, depending on the certificate data.

Some helper macros with popular OIDs can be found in gnutls/x509.h If raw flag is (0), this function will only return known OIDs as text. Other OIDs will be DER encoded, as described in RFC4514 -- in hex format with a '#' prefix. You can check about known OIDs using **gnutls_x509_dn_oid_known()**.

If *buf* is null then only the size will be filled.

RETURNS

GNUTLS_E_SHORT_MEMORY_BUFFER if the provided buffer is not long enough, and in that case

the `sizeof_buf` will be updated with the required size, and 0 on success.

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/>