

NAME

gnutls_x509_rdn_get_by_oid - API function

SYNOPSIS

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

```
int gnutls_x509_rdn_get_by_oid(const gnutls_datum_t * idn, const char * oid, unsigned indx, unsigned int raw_flag, void * buf, size_t * buf_size);
```

ARGUMENTS

const gnutls_datum_t * idn

should contain a DER encoded RDN sequence

const char * oid

an Object Identifier

unsigned indx In case multiple same OIDs exist in the RDN indicates which to send. Use 0 for the first one.

unsigned int raw_flag

If non-zero then the raw DER data are returned.

void * buf a pointer to a structure to hold the peer's name

size_t * buf_size

holds the size of *buf*

DESCRIPTION

This function will return the name of the given Object identifier, of the RDN sequence. The name will be encoded using the rules from RFC4514.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, or **GNUTLS_E_SHORT_MEMORY_BUFFER** is returned and * *buf_size* is updated if the provided buffer is not long enough, 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/>