

gnutls_x509_crq_get_extension_by_oid(3) gnutls gnutls_x509_crq_get_extension_by_oid(3)

NAME

gnutls_x509_crq_get_extension_by_oid - API function

SYNOPSIS

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

```
int gnutls_x509_crq_get_extension_by_oid(gnutls_x509_crq_t crq, const char * oid, unsigned indx,  
void * buf, size_t * buf_size, unsigned int * critical);
```

ARGUMENTS

gnutls_x509_crq_t crq

should contain a **gnutls_x509_crq_t** type

const char * oid

holds an Object Identifier in a null terminated string

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

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

size_t * buf_size

initially holds the size of *buf*

unsigned int * critical

will be non-zero if the extension is marked as critical

DESCRIPTION

This function will return the extension specified by the OID in the certificate. The extensions will be returned as binary data DER encoded, in the provided buffer.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error code in case of an error. If the certificate does not contain the specified extension

GNUTLS_E_REQUESTED_DATA_NOT_AVAILABLE will be returned.

SINCE

2.8.0

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/>