

NAME

gnutls_x509_crq_get_extension_info - API function

SYNOPSIS

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

```
int gnutls_x509_crq_get_extension_info(gnutls_x509_crq_t crq, unsigned indx, void * oid, size_t * sizeof_oid, unsigned int * critical);
```

ARGUMENTS

gnutls_x509_crq_t crq

should contain a **gnutls_x509_crq_t** type

unsigned indx Specifies which extension number to get. Use (0) to get the first one.

void * oid a pointer to store the OID

size_t * sizeof_oid

initially holds the maximum size of *oid* , on return holds actual size of *oid* .

unsigned int * critical

output variable with critical flag, may be NULL.

DESCRIPTION

This function will return the requested extension OID in the certificate, and the critical flag for it. The extension OID will be stored as a string in the provided buffer. Use **gnutls_x509_crq_get_extension_data()** to extract the data.

If the buffer provided is not long enough to hold the output, then * *sizeof_oid* is updated and **GNUTLS_E_SHORT_MEMORY_BUFFER** will be returned.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error code in case of an error. If you have reached the last extension available

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/>