

NAME

gnutls_x509_cert_get_extension_info - API function

SYNOPSIS

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

```
int gnutls_x509_cert_get_extension_info(gnutls_x509_cert_t cert, unsigned indx, void * oid, size_t * oid_size, unsigned int * critical);
```

ARGUMENTS

gnutls_x509_cert_t cert

should contain a **gnutls_x509_cert_t** type

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

void * oid a pointer to a structure to hold the OID

size_t * oid_size

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_cert_get_extension()** to extract the data.

If the buffer provided is not long enough to hold the output, then

oid_size is updated and **GNUTLS_E_SHORT_MEMORY_BUFFER** will be returned. The *oid* returned will be null terminated, although

oid_size will not account for the trailing null (the latter is not true for GnuTLS prior to 3.6.0).

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error code is returned. If you have reached the last extension available **GNUTLS_E_REQUESTED_DATA_NOT_AVAILABLE** will be 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/>