

## NAME

gnutls\_x509\_cert\_get\_extension\_data - API function

## SYNOPSIS

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

```
int gnutls_x509_cert_get_extension_data(gnutls_x509_cert_t cert, unsigned indx, void * data, size_t * sizeof_data);
```

## 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 \* data a pointer to a structure to hold the data (may be null)

size\_t \* sizeof\_data

initially holds the size of *data*

## DESCRIPTION

This function will return the requested extension data in the certificate. The extension data will be stored in the provided buffer.

Use **gnutls\_x509\_cert\_get\_extension\_info()** to extract the OID and critical flag. Use **gnutls\_x509\_cert\_get\_extension\_by\_oid()** instead, if you want to get data indexed by the extension OID rather than sequence.

## 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/>