

NAME

gnutls_x509_cert_set_extension_by_oid - API function

SYNOPSIS

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

```
int gnutls_x509_cert_set_extension_by_oid(gnutls_x509_cert_t cert, const char * oid, const void * buf,  
size_t sizeof_buf, unsigned int critical);
```

ARGUMENTS

gnutls_x509_cert_t *cert*

a certificate of type **gnutls_x509_cert_t**

const char * *oid*

holds an Object Identifier in null terminated string

const void * *buf*

a pointer to a DER encoded data

size_t *sizeof_buf*

holds the size of *buf*

unsigned int *critical*

should be non-zero if the extension is to be marked as critical

DESCRIPTION

This function will set an the extension, by the specified OID, in the certificate. The extension data should be binary data DER encoded.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, 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/>