

NAME

gnutls_x509_cert_get_subject_alt_othername_oid - API function

SYNOPSIS

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

```
int gnutls_x509_cert_get_subject_alt_othername_oid(gnutls_x509_cert_t cert, unsigned int seq, void *
oid, size_t * oid_size);
```

ARGUMENTS

gnutls_x509_cert_t cert

should contain a **gnutls_x509_cert_t** type

unsigned int seq

specifies the sequence number of the alt name (0 for the first one, 1 for the second etc.)

void * oid is the place where the otherName OID will be copied to

size_t * oid_size

holds the size of ret.

DESCRIPTION

This function will extract the type OID of an otherName Subject Alternative Name, contained in the given certificate, and return the type as an enumerated element.

This function is only useful if **gnutls_x509_cert_get_subject_alt_name()** returned **GNUTLS_SAN_OTHERNAME**.

If *oid* is null then only the size will be filled. The *oid* returned will be null terminated, although *oid_size* will not account for the trailing null.

RETURNS

the alternative subject name type on success, one of the enumerated **gnutls_x509_subject_alt_name_t**.

For supported OIDs, it will return one of the virtual (**GNUTLS_SAN_OTHERNAME_***) types, e.g.

GNUTLS_SAN_OTHERNAME_XMPP, and **GNUTLS_SAN_OTHERNAME** for unknown OIDs. It will return **GNUTLS_E_SHORT_MEMORY_BUFFER** if

oid_size is not large enough to hold the value. In that case

oid_size will be updated with the required size. If the certificate does not have an Alternative name with the specified sequence number and with the otherName type then

GNUTLS_E_REQUESTED_DATA_NOT_AVAILABLE is 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/>