NAME

gnutls_x509_crq_get_subject_alt_othername_oid - API function

SYNOPSIS

#include <gnutls/x509.h>

int gnutls_x509_crq_get_subject_alt_othername_oid(gnutls_x509_crq_t *crq*, **unsigned int** *seq*, **void *** *ret*, **size_t *** *ret_size*)**;**

ARGUMENTS

gnutls_x509_crq_t crq
            should contain a **gnutls_x509_crq_t** type

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

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

size_t * ret_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_crq_get_subject_alt_name**() returned **GNUTLS_SAN_OTHERNAME**.

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 *ret_size* is not large enough to hold the value. In that case *ret_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.

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/