NAME

gnutls_x509_crq_get_key_purpose_oid - API function

SYNOPSIS

#include <gnutls/x509.h>

int gnutls_x509_crq_get_key_purpose_oid(gnutls_x509_crq_t *crq*, **unsigned** *indx*, **void *** *oid*, **size_t *** *sizeof_oid*, **unsigned int *** *critical*)**;**

ARGUMENTS

gnutls_x509_crq_t crq
> should contain a **gnutls_x509_crq_t** type

unsigned indx This specifies which OID to return, use (0) to get the first one

void * oid   a pointer to store the OID (may be **NULL**)

size_t * sizeof_oid
> initially holds the size of *oid*

unsigned int * critical
> output variable with critical flag, may be **NULL**.

DESCRIPTION

This function will extract the key purpose OIDs of the Certificate specified by the given index. These are stored in the Extended Key Usage extension (2.5.29.37). See the GNUTLS_KP_* definitions for human readable names.

RETURNS

GNUTLS_E_SHORT_MEMORY_BUFFER if the provided buffer is not long enough, and in that case the * *sizeof_oid* will be updated with the required size. On success 0 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/