NAME

gnutls_x509_crt_get_subject_alt_name2 - API function

SYNOPSIS

#include <gnutls/x509.h>

int gnutls_x509_crt_get_subject_alt_name2(gnutls_x509_crt_t *cert***, unsigned int** *seq***, void * ** *san***, size_t * ** *san_size***, unsigned int * ** *san_type***, unsigned int * ** *critical***);**

ARGUMENTS

gnutls_x509_crt_t cert
>   should contain a **gnutls_x509_crt_t** type

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

void * san   is the place where the alternative name will be copied to

size_t * san_size
>   holds the size of ret.

unsigned int * san_type
>   holds the type of the alternative name (one of gnutls_x509_subject_alt_name_t).

unsigned int * critical
>   will be non-zero if the extension is marked as critical (may be null)

DESCRIPTION

This function will return the alternative names, contained in the given certificate. It is the same as **gnutls_x509_crt_get_subject_alt_name()** except for the fact that it will return the type of the alternative name in *san_type* even if the function fails for some reason (i.e. the buffer provided is not enough).

RETURNS

the alternative subject name type on success, one of the enumerated **gnutls_x509_subject_alt_name_t**. It will return **GNUTLS_E_SHORT_MEMORY_BUFFER** if *san_size* is not large enough to hold the value. In that case *san_size* will be updated with the required size. If the certificate does not have an Alternative name with the specified sequence number 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/