

**NAME**

gnutls\_x509\_cert\_get\_subject\_alt\_name2 - API function

**SYNOPSIS**

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

```
int gnutls_x509_cert_get_subject_alt_name2(gnutls_x509_cert_t cert, unsigned int seq, void * san, size_t
* san_size, unsigned int * san_type, unsigned int * critical);
```

**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 \* 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\_cert\_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/>