

**NAME**

gnutls\_subject\_alt\_names\_get - API function

**SYNOPSIS**

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

```
int gnutls_subject_alt_names_get(gnutls_subject_alt_names_t sans, unsigned int seq, unsigned int *  
san_type, gnutls_datum_t * san, gnutls_datum_t * othername_oid);
```

**ARGUMENTS**

gnutls\_subject\_alt\_names\_t sans

The alternative names

unsigned int seq

The index of the name to get

unsigned int \* san\_type

Will hold the type of the name (of **gnutls\_subject\_alt\_names\_t**)

gnutls\_datum\_t \* san

The alternative name data (should be treated as constant)

gnutls\_datum\_t \* othername\_oid

The object identifier if *san\_type* is **GNUTLS\_SAN\_OTHERNAME** (should be treated as constant)

**DESCRIPTION**

This function will return a specific alternative name as stored in the *sans* type. The returned values should be treated as constant and valid for the lifetime of *sans*.

**RETURNS**

On success, **GNUTLS\_E\_SUCCESS** (0) is returned,

**GNUTLS\_E\_REQUESTED\_DATA\_NOT\_AVAILABLE** if the index is out of bounds, otherwise a negative error value.

**SINCE**

3.3.0

**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/>