

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>

COPYRIGHT

Copyright (C) 2001- Free Software Foundation, Inc., and others.

Copying and distribution of this file, with or without modification, are permitted in any medium without royalty provided the copyright notice and this notice are preserved.

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/>