

gnutls\_x509\_name\_constraints\_add\_excluded(3) gnutls gnutls\_x509\_name\_constraints\_add\_excluded(3)

## NAME

gnutls\_x509\_name\_constraints\_add\_excluded - API function

## SYNOPSIS

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

```
int gnutls_x509_name_constraints_add_excluded(gnutls_x509_name_constraints_t nc,  
gnutls_x509_subject_alt_name_t type, const gnutls_datum_t * name);
```

## ARGUMENTS

gnutls\_x509\_name\_constraints\_t nc

The nameconstraints

gnutls\_x509\_subject\_alt\_name\_t type

The type of the constraints

const gnutls\_datum\_t \* name

The data of the constraints

## DESCRIPTION

This function will add a name constraint to the list of excluded constraints. The constraints *type* can be any of the following types: **GNUTLS\_SAN\_DNSNAME**, **GNUTLS\_SAN\_RFC822NAME**, **GNUTLS\_SAN\_DN**, **GNUTLS\_SAN\_URI**, **GNUTLS\_SAN\_IPADDRESS**. For the latter, an IP address in network byte order is expected, followed by its network mask (which is 4 bytes in IPv4 or 16-bytes in IPv6).

## RETURNS

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