

NAME

gnutls_x509_cert_print - API function

SYNOPSIS

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

```
int gnutls_x509_cert_print(gnutls_x509_cert_t cert, gnutls_certificate_print_formats_t format,  
gnutls_datum_t * out);
```

ARGUMENTS

gnutls_x509_cert_t cert

The data to be printed

gnutls_certificate_print_formats_t format

Indicate the format to use

gnutls_datum_t * out

Newly allocated datum with null terminated string.

DESCRIPTION

This function will pretty print a X.509 certificate, suitable for display to a human.

If the format is **GNUTLS_CERT_PRINT_FULL** then all fields of the certificate will be output, on multiple lines. The **GNUTLS_CERT_PRINT_ONELINE** format will generate one line with some selected fields, which is useful for logging purposes.

The output *out* needs to be deallocated using **gnutls_free()**.

RETURNS

On success, **GNUTLS_E_SUCCESS** (0) is returned, otherwise a negative error value.

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/>