

**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>

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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/>