

**NAME**

gnutls\_x509\_crl\_iter\_crt\_serial - API function

**SYNOPSIS**

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

```
int gnutls_x509_crl_iter_crt_serial(gnutls_x509_crl_t crl, gnutls_x509_crl_iter_t * iter, unsigned char * serial, size_t * serial_size, time_t * t);
```

**ARGUMENTS**

gnutls\_x509\_crl\_t *crl*

should contain a **gnutls\_x509\_crl\_t** type

gnutls\_x509\_crl\_iter\_t \* *iter*

A pointer to an iterator (initially the iterator should be **NULL**)

unsigned char \* *serial*

where the serial number will be copied

size\_t \* *serial\_size*

initially holds the size of *serial*

time\_t \* *t*

if non null, will hold the time this certificate was revoked

**DESCRIPTION**

This function performs the same as **gnutls\_x509\_crl\_get\_crt\_serial()**, but reads sequentially and keeps state in the iterator between calls. That allows it to provide better performance in sequences with many elements (50000+).

When past the last element is accessed **GNUTLS\_E\_REQUESTED\_DATA\_NOT\_AVAILABLE** is returned and the iterator is reset.

After use, the iterator must be deinitialized using **gnutls\_x509\_crl\_iter\_deinit()**.

**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/>