



Rocky Enterprise Linux 9.2 Manual Pages on command 'crl.1ssl'

C:\>man crl.1ssl

CRL(1SSL) OpenSSL CRL(1SSL)

NAME

openssl-crl, crl - CRL utility

SYNOPSIS

```
openssl crl [-help] [-inform PEM|DER] [-outform PEM|DER] [-text] [-in filename]
[-out filename] [-nameopt option] [-noout] [-hash] [-issuer] [-lastupdate]
[-nextupdate] [-CAfile file] [-CApath dir]
```

DESCRIPTION

The crl command processes CRL files in DER or PEM format.

OPTIONS

-help

Print out a usage message.

-inform DER|PEM

This specifies the input format. DER format is DER encoded CRL structure. PEM (the default) is a base64 encoded version of the DER form with header and footer lines.

-outform DER|PEM

This specifies the output format, the options have the same meaning and default as the -inform option.

-in filename

This specifies the input filename to read from or standard input if this option is not specified.

-out filename

Specifies the output filename to write to or standard output by default.

-text

Print out the CRL in text form.

-nameopt option

Option which determines how the subject or issuer names are displayed. See the description of -nameopt in x509(1).

-noout

Don't output the encoded version of the CRL.

-hash

Output a hash of the issuer name. This can be use to lookup CRLs in a directory by issuer name.

-hash_old

Outputs the "hash" of the CRL issuer name using the older algorithm as used by OpenSSL before version 1.0.0.

-issuer

Output the issuer name.

-lastupdate

Output the lastUpdate field.

-nextupdate

Output the nextUpdate field.

-CAfile file

Verify the signature on a CRL by looking up the issuing certificate in file.

-CApath dir

Verify the signature on a CRL by looking up the issuing certificate in dir.

This directory must be a standard certificate directory: that is a hash of each subject name (using x509 -hash) should be linked to each certificate.

NOTES

The PEM CRL format uses the header and footer lines:

```
-----BEGIN X509 CRL-----
```

```
-----END X509 CRL-----
```

EXAMPLES

Convert a CRL file from PEM to DER:

```
openssl crl -in crl.pem -outform DER -out crl.der
```

Output the text form of a DER encoded certificate:

```
openssl crl -in crl.der -inform DER -text -noout
```

BUGS

Ideally it should be possible to create a CRL using appropriate options and files too.

SEE ALSO

`crl2pkcs7(1)`, `ca(1)`, `x509(1)`

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CRL(1SSL)