

Wikiprint Book

Title: ESGF-Security/OpenSSLInESGFSheet

Subject: TracMeteo - ESGF-Security/OpenSSLInESGFSheet

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Shows x509 certificate in readable format (-noout to not show certificate (PKCS1 DER encoded))

```
$ openssl x509 -noout -text -in pemFile.pem
```

Get the certificate of a data node and return its expired dates

```
$ openssl s_client -connect pcmdi7.llnl.gov:443 </dev/null 2>/dev/null|openssl x509 -noout -dates  
notBefore=Oct 16 00:00:00 2013 GMT  
notAfter=Oct 27 23:59:59 2014 GMT
```

Average the hash of the cert. Options:

- **-subject_hash**: print subject hash value
- **-subject_hash_old**: print old-style (MD5) subject hash value
- **-issuer_hash**: print issuer hash value
- **-issuer_hash_old**: print old-style (MD5) issuer hash value

```
$ openssl x509 -subject_hash_old -noout -in cert
```