OpenSSL Kurzmerkzettel

Zertifikat anzeigen

```
openssl x509 -text -noout -in $certfile
```

CSR anzeigen

```
openssl req -text -noout -in $csrfile
```

Self Signed Zertifikat erzeugen (one liner)

```
openssl req -x509 -nodes -days 365 -subj '/C=AT/ST=/L=/O=/OU=/CN=' -sha256 -
newkey rsa:2048 -keyout $keyfile -out $certfile
```

Zertifikat von PEM auf PCKS12 konvertieren

```
openssl pkcs12 -export -in $certfile -inkey $keyfile -out $p12file
```

Mit CA Chain

```
openssl pkcs12 -export -in $certfile -inkey $keyfile -certfile $cacertchain
-out $p12file
```

Zertifikat von PCKS12 im CRT und KEY konvertieren

```
openssl pkcs12 -in $p12file -out $certfile -clcerts -nokeys
openssl pkcs12 -in $p12file -out $keyfile -nocerts
```

Passphrase von Key entfernen

```
openssl rsa -in $keyfile -out $keyfile2
```

kb, ssl

From:
http://fortytwo.adurias.org/ - **Fortytwo - Answer to the Ultimate Question of Life, the Universe, and Everything**

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Last update: **2023/11/17 10:23**