

# OpenSSL Kurzmerkkzettel

## 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
```

[kb, ssl](#)

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