

## **Wikiprint Book**

**Title: GeneratingKeystoreAndPemForESGF**

**Subject: TracMeteo - GeneratingKeystoreAndPemForESGF**

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[?https://meteo.unican.es/svn/repos/meteo/software/RetrieveESGFCredentials/RetrieveESGFCredentials/](https://meteo.unican.es/svn/repos/meteo/software/RetrieveESGFCredentials/RetrieveESGFCredentials/)

## Using keystore in jKS in toolsUI

Keystore must be in JKS format

```
java -Dkeystore=.esg/keystore.ks -Dkeystorepassword=changeit -Dtruststore=.esg/esg-truststore.ts -Dtruststorepassword=chan
```

## From Keystore in JKS to pem

From keystore in JKS to keystore in PKCS12

```
keytool -importkeystore -srckeystore keystore.ks -destkeystore keystore.p12 -srcstoretype jks -deststoretype pkcs12
```

From keystore in PKCS12 to pem

```
openssl pkcs12 -in keystore.p12 -out keystore.pem
```

[?http://sourceforge.net/p/cilogon/code/HEAD/tree/tags/edu.uiuc.ncsa/myproxy-1.1.1/myproxy-logon/src/](http://sourceforge.net/p/cilogon/code/HEAD/tree/tags/edu.uiuc.ncsa/myproxy-1.1.1/myproxy-logon/src/)

[?http://stackoverflow.com/questions/652916/converting-a-java-keystore-into-pem-format](http://stackoverflow.com/questions/652916/converting-a-java-keystore-into-pem-format)