paulb@Pc\_de\_paul MINGW64 ~/Desktop

$ jarsigner -verify thermo\_green.jar

jar is unsigned.

paulb@Pc\_de\_paul MINGW64 ~/Desktop

$ keytool -genkey -alias server -keyalg RSA -keypass password -storepass password -keystore keystore.jks

Enter the distinguished name. Provide a single dot (.) to leave a sub-component empty or press ENTER to use the default value in braces.

What is your first and last name?

Enter the distinguished name. Provide a single dot (.) to leave a sub-component empty or press ENTER to use the default value in braces.

What is your first and last name?

[Unknown]: Paul Berne

What is the name of your organizational unit?

[Unknown]: SIO Algoud Laffemas

What is the name of your organization?

[Unknown]:

What is the name of your City or Locality?

[Unknown]: Valence

What is the name of your State or Province?

[Unknown]: Grenoble

What is the two-letter country code for this unit?

[Unknown]: fr

Is CN=Paul Berne, OU=SIO Algoud Laffemas, O=Unknown, L=Valence, ST=Grenoble, C=fr correct?

[no]: yes

Generating 3?072 bit RSA key pair and self-signed certificate (SHA384withRSA) with a validity of 90 days

for: CN=Paul Berne, OU=SIO Algoud Laffemas, O=Unknown, L=Valence, ST=Grenoble, C=fr

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$ ls

'BTS SIO'/ Riedel/ desktop.ini

Blache/ Valenti/ francais/

Bryczman/ appli/ gibert/

Drogue/ atelier\_professionel/ keystore.jks

Feuille\_de\_style.docx cejma/ mayer/

Forager.url certification/ professionel/

Henard/ 'cle usb'/ thermo\_green.jar

IngéPlus/ code/

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$ keytoll -export -alias server -storepass password -file server.cer -keystore keystore.jks

bash: keytoll: command not found

paulb@Pc\_de\_paul MINGW64 ~/Desktop

$ keytool -export -alias server -storepass password -file server.cer -keystore keystore.jks

Certificate stored in file <server.cer>

paulb@Pc\_de\_paul MINGW64 ~/Desktop

$ jarsigner -keystore keystore.jks -signedjar thermo\_green\_signed.jar thermo\_green.jar server

Enter Passphrase for keystore:

jar signed.

Warning:

The signer's certificate is self-signed.

paulb@Pc\_de\_paul MINGW64 ~/Desktop

$ jarsigner -verify thermo\_green\_signed.jar

jar verified.

Warning:

This jar contains entries whose certificate chain is invalid. Reason: PKIX path building failed: sun.security.provider.certpath.SunCertPathBuilderException: unable to find valid certification path to requested target

This jar contains entries whose signer certificate is self-signed.

This jar contains entries whose signer certificate will expire within six months.

This jar contains signatures that do not include a timestamp. Without a timestamp, users may not be able to validate this jar after any of the signer certificates expire (as early as 2024-02-25).

Re-run with the -verbose and -certs options for more details.

paulb@Pc\_de\_paul MINGW64 ~/Desktop

$