

Code Signer - Defect #786

Signing on Mac doesn't apply manifest properties

02/14/2014 01:35 AM - Marc Boegem

Status:	Closed	Start date:	02/14/2014
Priority:	Normal	Due date:	
Assignee:	Patrick Talbot	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
Browser (if web client):			

Description

When using the Code Signer on Mac, it will sign the jars with the certificate but it doesn't apply manifest properties
Tested on OSX 10.8.5 / Java 1.7.0_45, as well as OSX 10.9.1 / Java 1.7.0_51
The status after signing is 'missing':

```
-----  
Name: mail.jar  
Path: /mail.jar  
Size: 61195  
Status: missing  
Signature:  
CN=Solutiative  
O=Solutiative  
L=Hoofddorp  
C=NL  
Valid from 13 Feb 2014 13:44:20 to 14 Feb 2016 13:44:20  
-----
```

Running the exact same folder/files on Windows will do this correctly (Win7 / Java 1.7.0_25)

Logfile is normal:

```
-----  
Manifest Attributes:  
Permissions: all-permissions  
Codebase: *  
Application-Name: %jarName%  
  
/Users/mboegem/RDC_share/codesigning_example/mail.jar start processing  
/Users/mboegem/RDC_share/codesigning_example/mail.jar unsigned  
/Users/mboegem/RDC_share/codesigning_example/mail.jar repacked  
/Users/mboegem/RDC_share/codesigning_example/mail.jar first sign attempt  
/Users/mboegem/RDC_share/codesigning_example/mail.jar repacked  
/Users/mboegem/RDC_share/codesigning_example/mail.jar second sign attempt  
/Users/mboegem/RDC_share/codesigning_example/mail.jar signed  
Jar file size: 59Kb  
Process time: 219ms
```

Total process time: 228ms

History

#1 - 02/18/2014 07:24 PM - Patrick Talbot

- Status changed from New to Closed

It appears that using internal jarsigner classes from Java 6 in Java 7 on Mac was silently 'eating' the manifest attributes.
To workaround that I had to embed java 7 classes into a new CodeSigner7.jar - (the v7 classes cannot be used with Java 6 though, so make sure you use the correct tool depending on the Java version)

I've updated the tool to v1.0.1 and released a CodeSigner7.jar as well.