

Inner State Capture with AspectJ

How To Use

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Boss Side

1. Create a new AspectJ Project in Eclipse*
2. Add java files to project
3. Add a new aspect called "InnerState" and copy existing InnerState.aj content to that file. (Do not include package name)
4. Debug project
5. Export the project as runnable jar file (Go to File>Export> Runnable JAR File, select your project and select export location)

*Eclipse Version 3.7.0 and AspectJ Version 1.6.12 is used.

Contractor Side

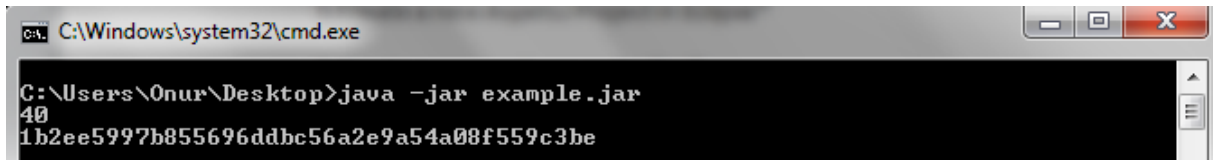
For Windows

Execute the jar file on command screen as usual (Go to location of jar file, execute it with java.exe ; i.e. `java -jar example.jar`)

For Linux

Execute the jar file on command screen as usual (Go to location of jar file, execute it with java file ; i.e. `java -jar example.jar`)

Example Result and Inner State :

A screenshot of a Windows 7 command prompt window. The title bar shows the path 'C:\Windows\system32\cmd.exe'. The command prompt shows the command 'C:\Users\Onur\Desktop>java -jar example.jar' being executed. The output is a long hexadecimal string: '401b2ee5997b855696ddbc56a2e9a54a08f559c3be'.

```
C:\Windows\system32\cmd.exe
C:\Users\Onur\Desktop>java -jar example.jar
401b2ee5997b855696ddbc56a2e9a54a08f559c3be
```

Example screen shot captured on Windows 7

For AspectJ Plug-In Information Visit :

<http://www.eclipse.org/ajdt/>

<http://www.eclipse.org/ajdt/downloads/>

Note : Adding a package to aspectj project is optional.If boss doesn't add a package, default package will be created by eclipse but boss doesn't have to include default package name in the java files.