

JAVA SEQUENCE GENERATOR

Purpose :- This application captures the flow of execution of java source code and generates a uml sequence diagram.

The application contains following items:-

- 1) JavaSequenceGenerator :- It contains source code for generating sequence diagram
assets – contains libraries (external archives used in the application).
src – contains source code for the application.
- 2) outSeq.png :- contains output for the test case provided.
- 3) TestCase :- contains file for which output sequence diagram is generated.

Requirements for running programs :

1. Install eclipse : I used eclipse “Version: Mars.2 Release (4.5.2)”
2. Install plugin AspectJ for your eclipse version.
Steps used by me :
 1. Open Eclipse
 2. Go to “Help” menu
 3. Select “Install new software...”
 4. Click on Add
 5. On the dialog box “Add Repository” Put Location for AspectJ plugin in Location
I put <http://download.eclipse.org/tools/ajdt/45/dev/update> as per eclipse version.
Follow steps to install plugin.

Steps To Run Program :

1. Make AspectJ Project in Eclipse.
Steps used by me:
 1. Open Eclipse
 2. Go to “File” menu
 3. Select “New”. You should option for AspectJ Project. Select AspectJ project.
If not follow more steps.
 4. Select “Other” from “New”
 5. You will be able to see option “AspectJ”. Select “AspectJ” project from it.
Then follow steps to make project.
2. Copy and paste all files from my application’s src folder to into the newly created application’s src folder.
3. Copy and paste assets folder from my application.
4. Now run the project as AspectJ/Java Application. The file containing main method is SEQParser.java
5. The output file “outSeq.png” would be created.