

To run the files please install: -

- Jre – Java Runtime environment
- plotutils
- aspectj – (add to environment variables path c:\aspectj1.8\bin)

Libraries used in the Project: -

- AspectJ
- UMLGraph
- plotutils

Tools Used: -

- Eclipse IDE

Steps followed to create the Sequence diagram: -

- Used AspectJ to create the sequence diagram
- AspectJ pointcuts were used to trace the method calls ignoring the constructor and java method calls.
- The aspectJ file and java are compiled using aspectj compiler to add the aspects in the class files.
- Then the Main class containing the aspects is run and it generates the intermediate file that can be used to draw the sequence diagram
- UMLGraph and the pic2plot utility in the plotutils package are used to draw the sequence diagram.

To test the Sequence Diagram generator application. Please unzip “Extra_personal_Sequence.zip” and run the Batchfile(WINDOWS) in the unzipped folder. Follow the instructions in readme.