

## **Java Parser for UML Class diagram**

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**My YouTube Link – <https://youtu.be/nosPm36FwT8>**

**Github Link - <https://github.com/muktamath81/UML-Parser>**

**Kanban Link - <https://waffle.io/muktamath81/UML-Parser>**

**Google Drive link for zip files -**

**<https://drive.google.com/open?id=0B4wVdfCPs4VhZVNmZkdXMLh5Vzg>**

**For Extra Credit (Partnering with CMPE 281 students)**

**1) Tuan Ung (SJSU ID – 007671040)**

**YouTube video <https://www.youtube.com/watch?v=Jlp6r9cU8-8>**

**2) Tanmay Bhatt (SJSU ID – 011499072)**

**YouTube video <https://www.youtube.com/watch?v=LcwwtrVyiIk&feature=youtu.be>**

**Initial setup -**

- Install Java and use any available IDE for development. In my project, I have used Eclipse and to manage dependencies Maven.
- GraphViz must be installed on the system. It does not have plugins, hence it has to be installed (Link- <http://www.graphviz.org/Download..php>)

**Instructions to execute the program**

- 1) Download the package
- 2) Download the test files (test\*.zip) and unzip it to a location (here – sourcefilepath)
- 3) Execute the code as below

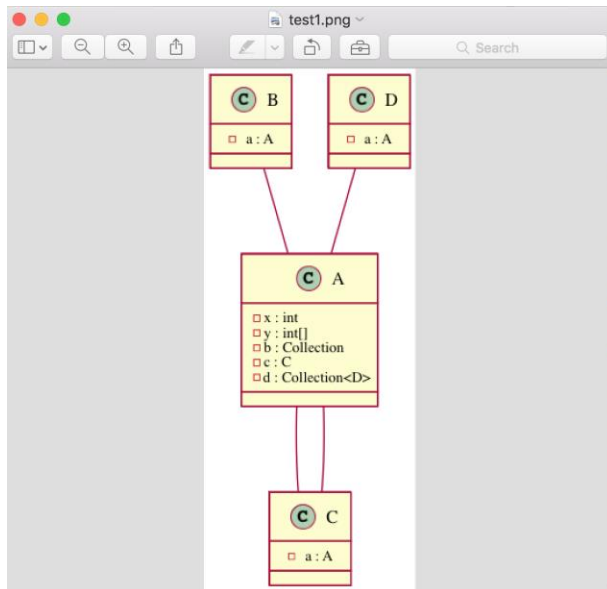
• `java -jar <jar file/Renamed file> <sourcefilepath> <outputfilenameandpath>`

- sourcefilepath - Path to the default package folder.
- outputfilenameandpath – filename and path of the output image

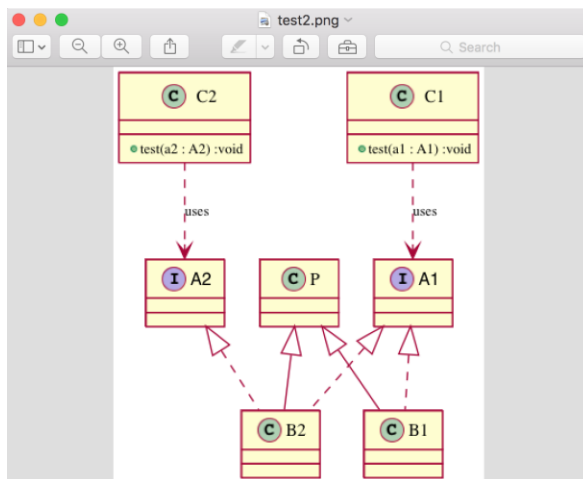
[illegible]

### Sample Output from my UML Parser code –

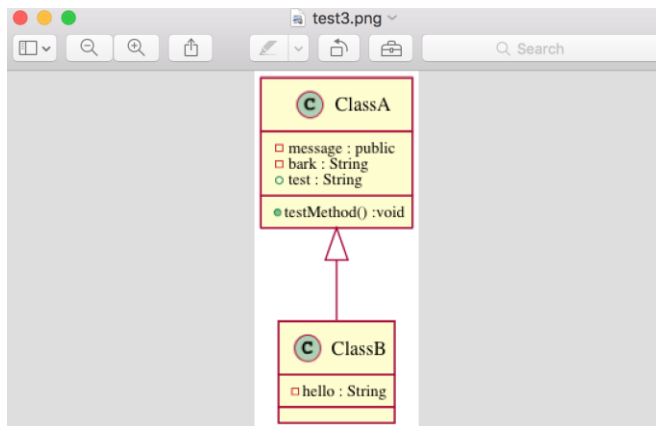
### Test Case 1:



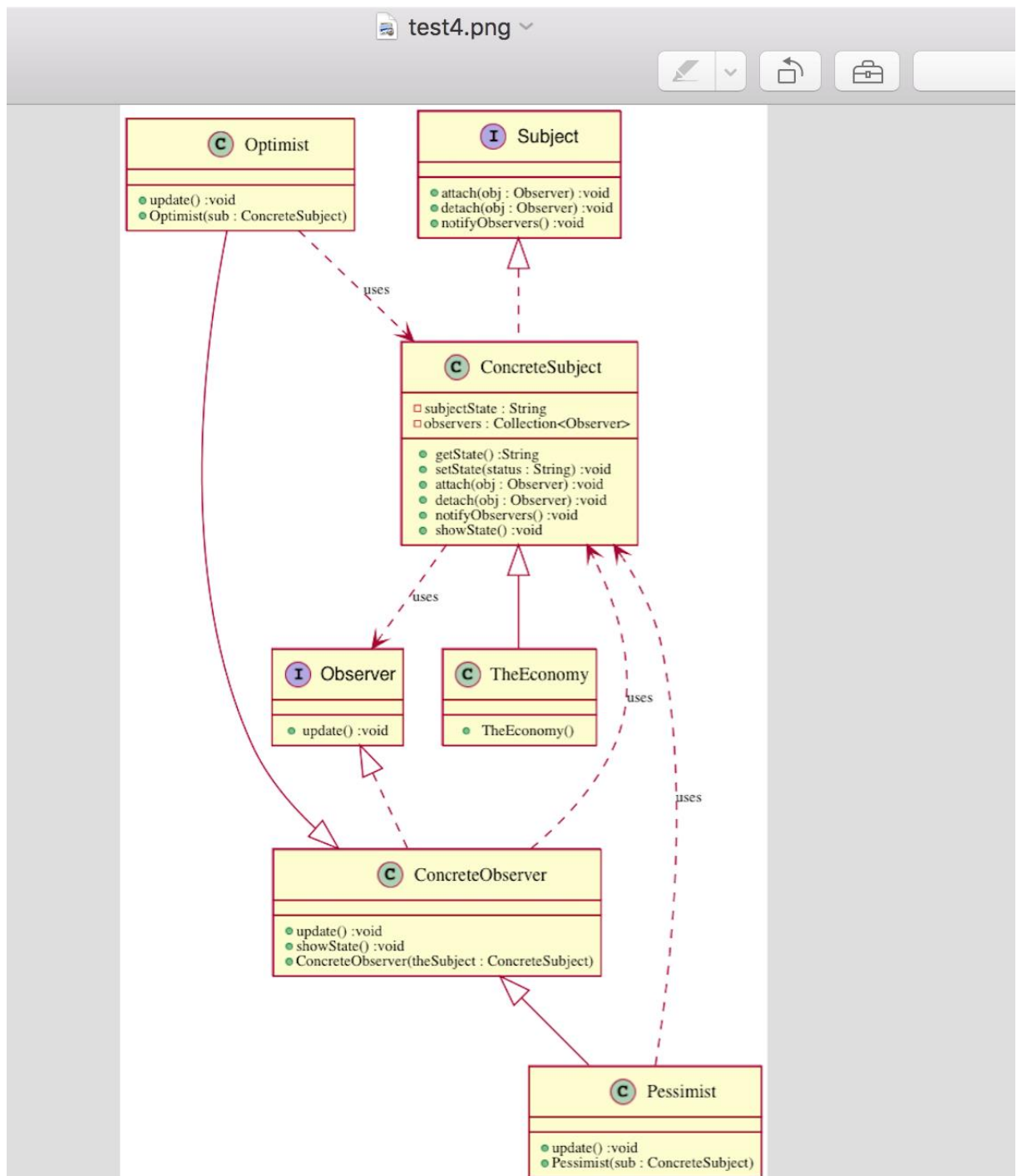
### Test Case 2:



### Test Case 3:



Test Case 4:



### Test Case 5:

