

1. Install Java **jdk1.8.0_60**

2. Set the Environment variables in Advanced Settings as below:

```
JAVA_HOME = " C:\Program Files\Java\jdk1.8.0_60"  
JAVA_LIB = "C:\Program Files\Java\jdk1.8.0_60\bin"  
PATH = %JAVA_HOME%\bin
```

3. Create a working directory. Unzip the Google drive folder here.
For the source java files to be present at one location, create another directory inside the working directory (say "uml-parser-test-1"). All the source java files will be parsed from this folder

4. Install Graphviz on Windows(in this case Windows 7)

Link to Installation on Windows 7 system (Step 1):
<http://sdntutorials.com/steps-to-install-plantuml-on-windows-7/>

5. Set the Environment Variables as:

```
GRAPHVIZ_DOT = "C:\Program Files (x86)\Graphviz2.38\bin\dot.exe"  
The Graphviz2.38 version will vary based on the installation package
```

6. Download PlantUML jar file and save it in the working directory created in Step 3

Link to download PlantUML (Step 2):
<http://sdntutorials.com/steps-to-install-plantuml-on-windows-7/>

7. Open command prompt

Go to the working directory as created in Step 3 and run the commands as given below:

- For Compilation, in **classpath** pass location of **tools.jar** file present in the 'lib' folder of jdk installation
Sample Command:
javac -classpath "C:\Program Files\Java\jdk1.8.0_60\lib\tools.jar" JavaUMLParser.java
- Run the below **doskey** command to create an alias 'umlparser' for execution
Sample Command:
*doskey umlparser= java -classpath "C:\Program Files\Java\jdk1.8.0_60\lib\tools.jar;" JavaUMLParser \$**
- For Execution, pass working directory(containing java files to parse) name as created in Step 3 and Output file name as the name of the output image file the program will generate
Sample Command:
*umlparser **uml-parser-test-1 test1***