

CMPE 202 – UML Parser Personal Project

Video URL:

<https://www.youtube.com/watch?v=n2Imsg0Ex4Q>

Note: Video contains running on local host (**sequence diagram + class diagram**) & also includes integration with CMPE 281 partners (Varsha Kankariya & Ashutosh Singh)

Zip files Link:

<https://drive.google.com/file/d/0BwJuzl623KygaXRzQklnaUhNVkU/view?usp=sharing>

Libraries:

- Javaparser library:
I have used javaparser library for parsing the abstract-syntax tree of the compilation units (.java files) and created a grammar that is interpretable by class diagram generator.
 - <https://github.com/javaparser/javaparser>
- Class diagram generator:
I have used yuml to pass my grammar that was created by parsing the compilation units and create a png file showing the class diagrams
 - <http://yuml.me/>
- Sequence diagram generator:
I have used plantuml to create the sequence diagram of a test sequence kept as per the requirements.
 - <http://plantuml.com/>

Tools & IDE:

- Eclipse JEE – For development of project
- Maven – For dependency management
- Github – For version control
- Waffle.io – For maintaining the work schedule & keeping track of development issues