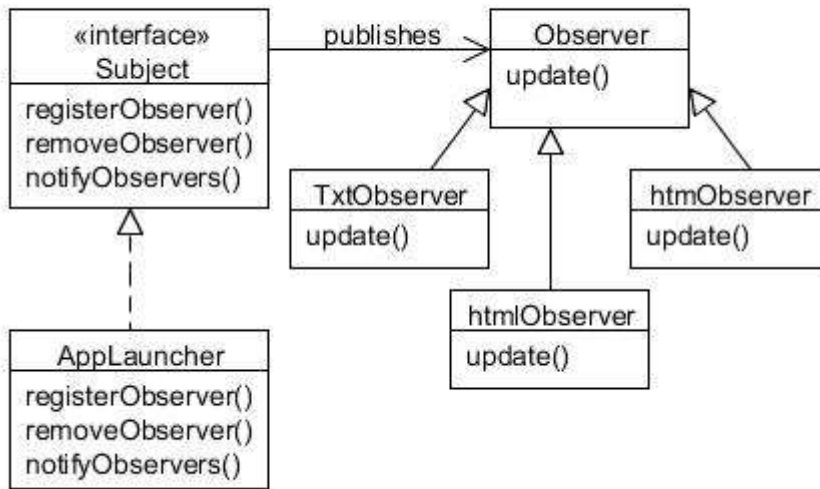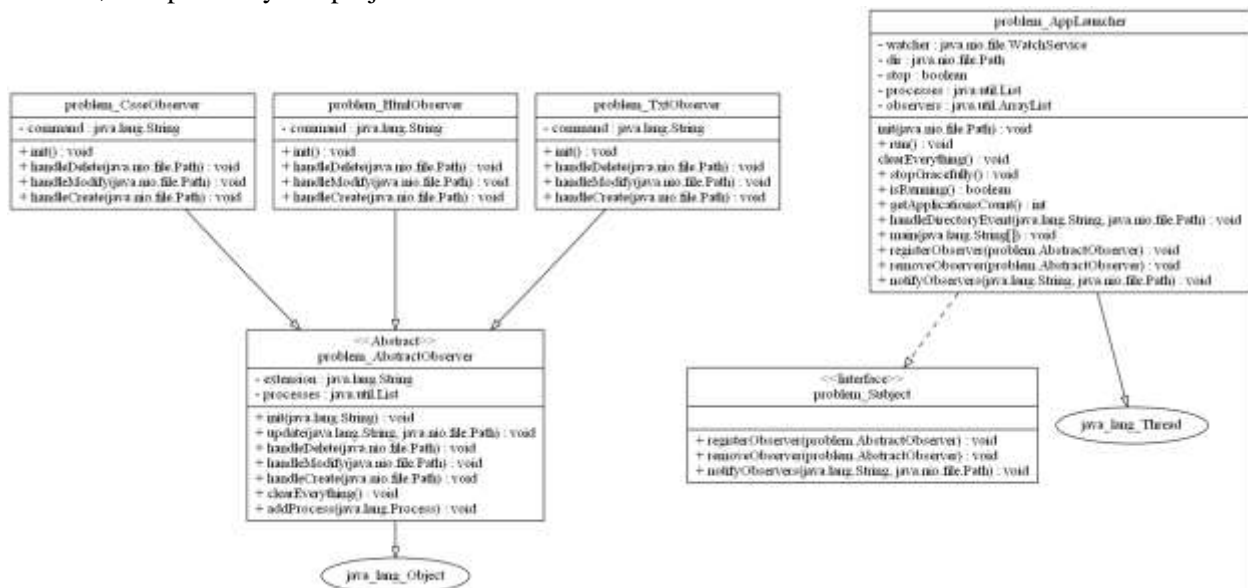Lab 1-3, manual
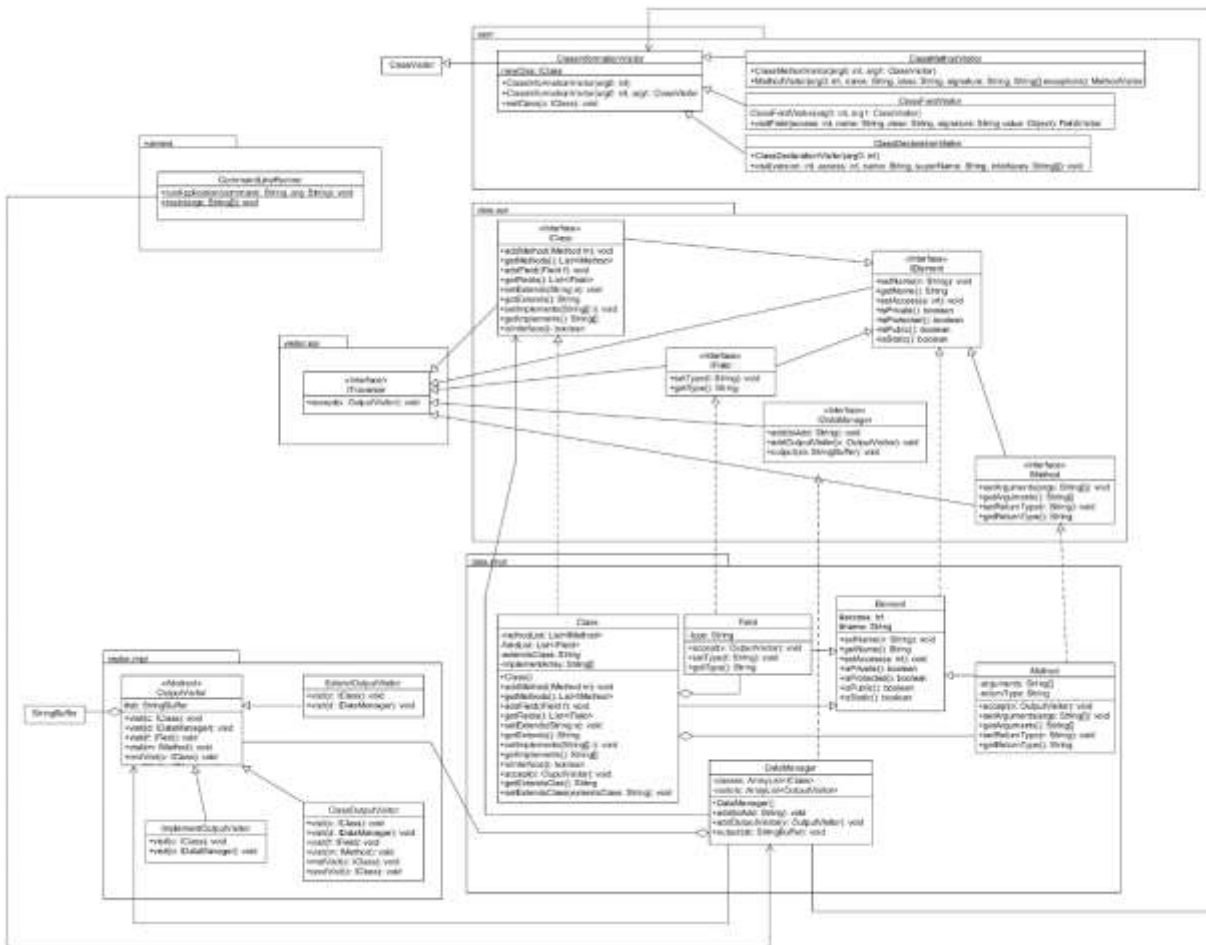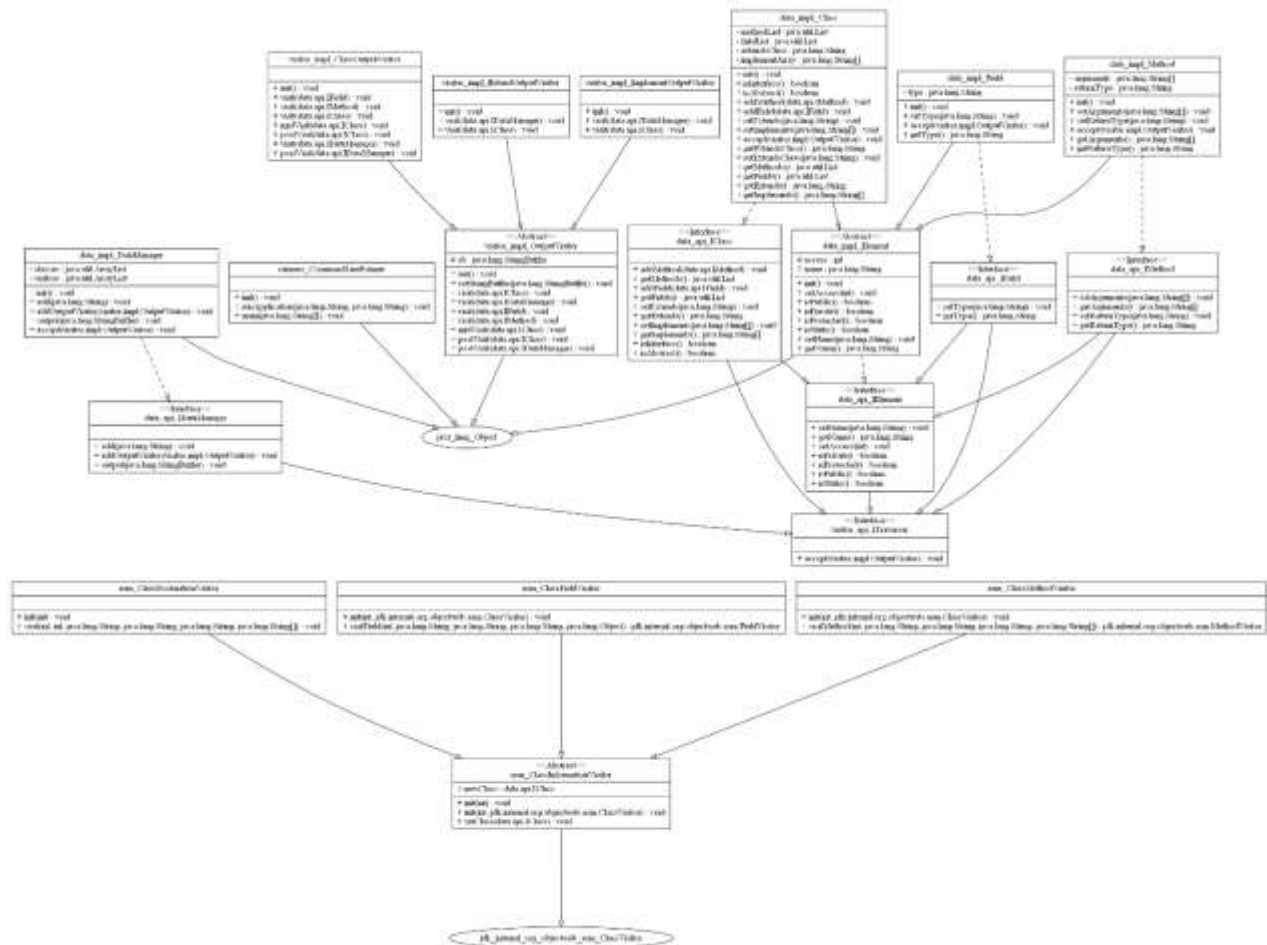

Lab 1-3, interpreted by our project

The main difference between these two diagrams is that the manual version, though it contains more descriptive arrows, has less information within the classes themselves. The interpreted version also contains some extra information, such as classes and methods, which I ignored in my manual version.

Project UML, Manual

Project UML, Automatic*

*The trees were originally side by side, so I moved one below the other to fit more easily on the page.

The most apparent difference between the two diagrams is that the manual UML separates the classes into logical clusters based on packages, whereas the automatic UML is formatted to optimally reduce line crossings. The manual UML contains all of the information that is in the automatic UML, except for some unnecessary extensions, and init() methods. The manual UML, however, includes package information as well as the classes that a specific class composes or aggregates.