

1 Updated UML

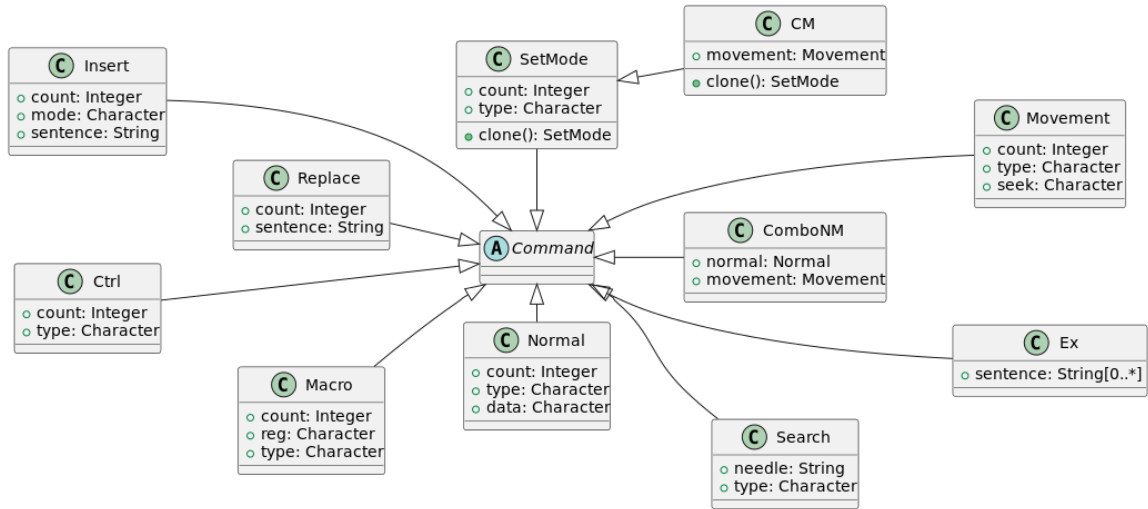


Figure 1. Command Hierarchy updated to include CM, Search, and any renamed fields.

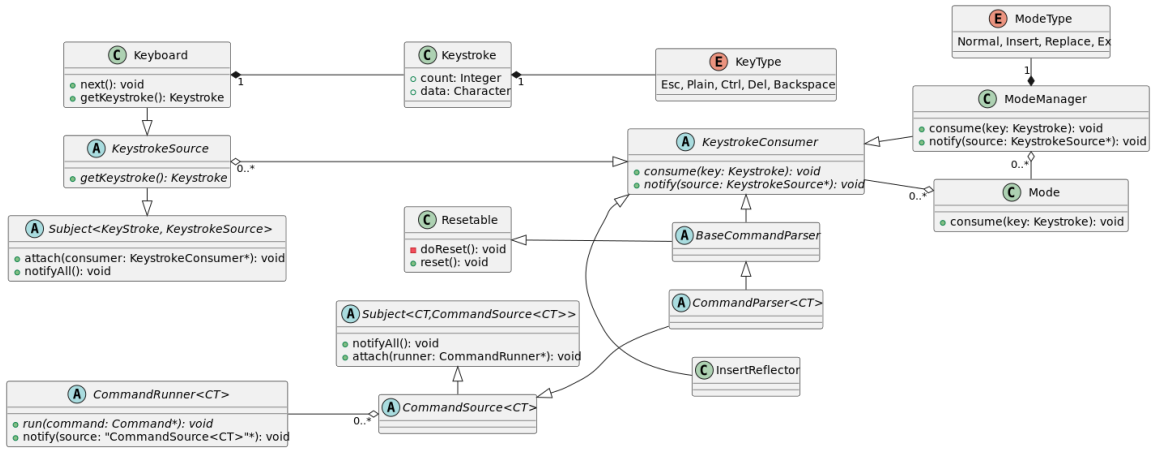
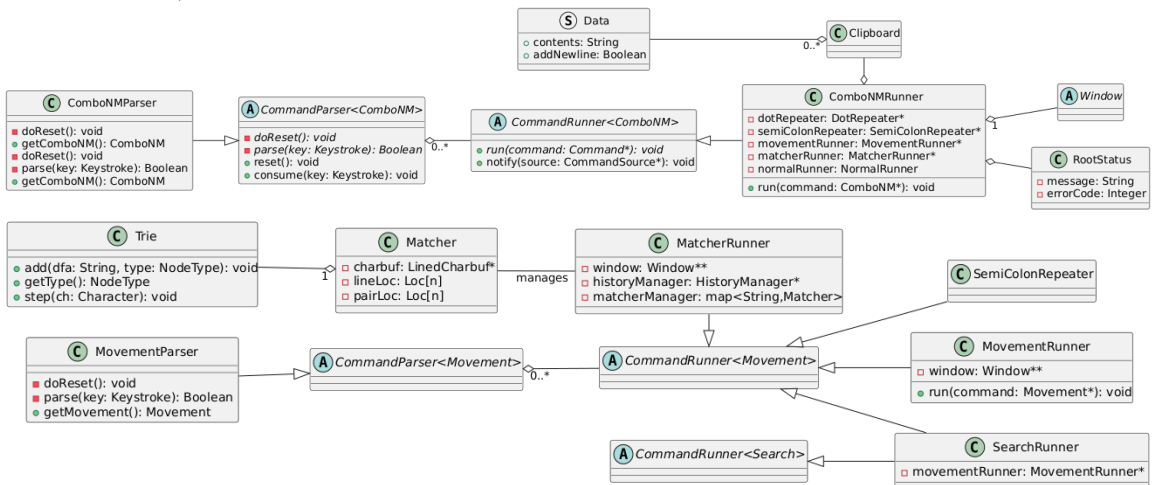


Figure 2. Subjects and objects for KeyStrokes and Command, including their templates (see Observer Pattern)



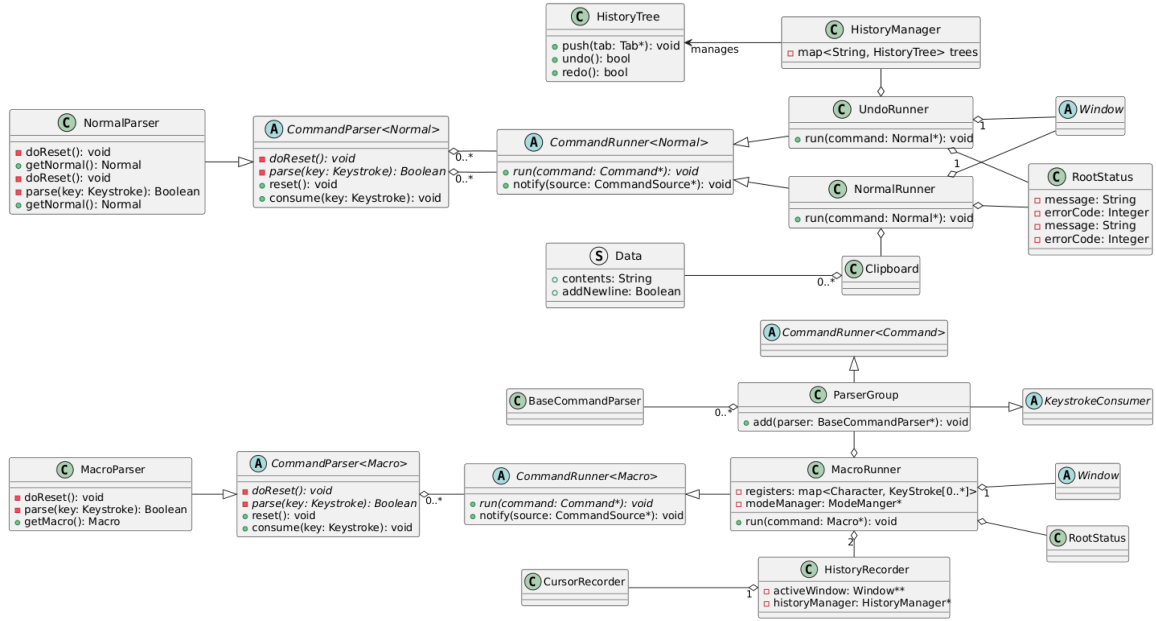


Figure 3. Some selected parsers, runners, and model classes for implementing ComboNM, Movement, Normal, and Macro commands, in order from top to bottom.

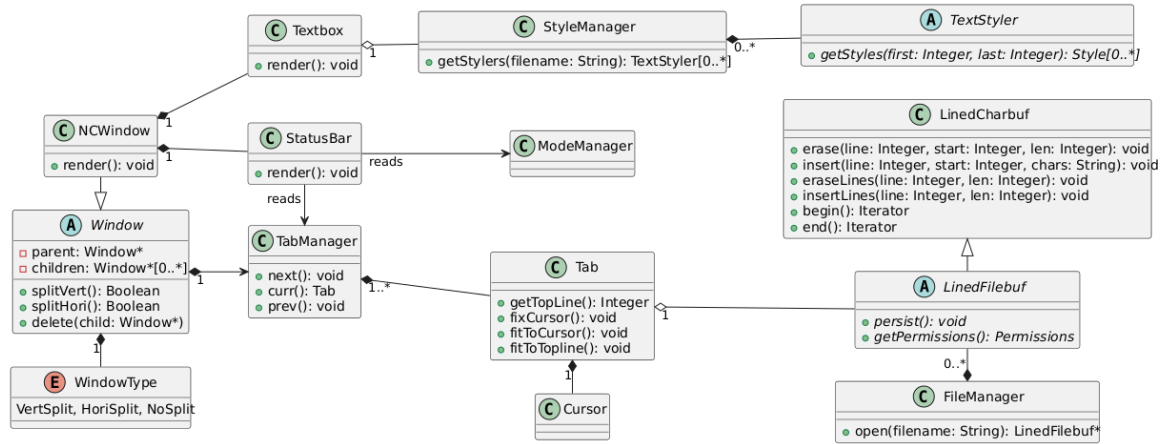
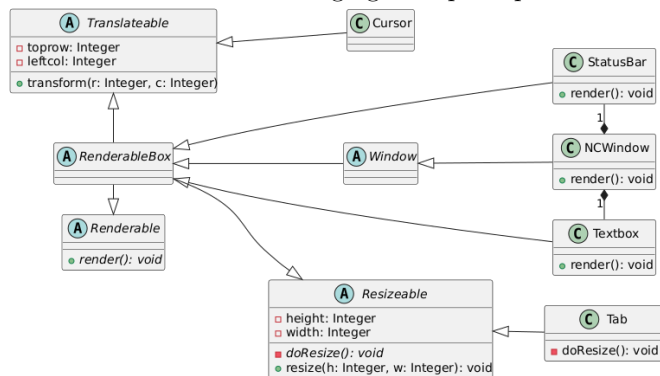


Figure 4. Above: view classes NCWindow, Textbox, StatusBar, as well as model classes Tab, LinedFilebuf, their managers, and Window. Below: separated interfaces of above classes in order to adhere to interface segregation principle.



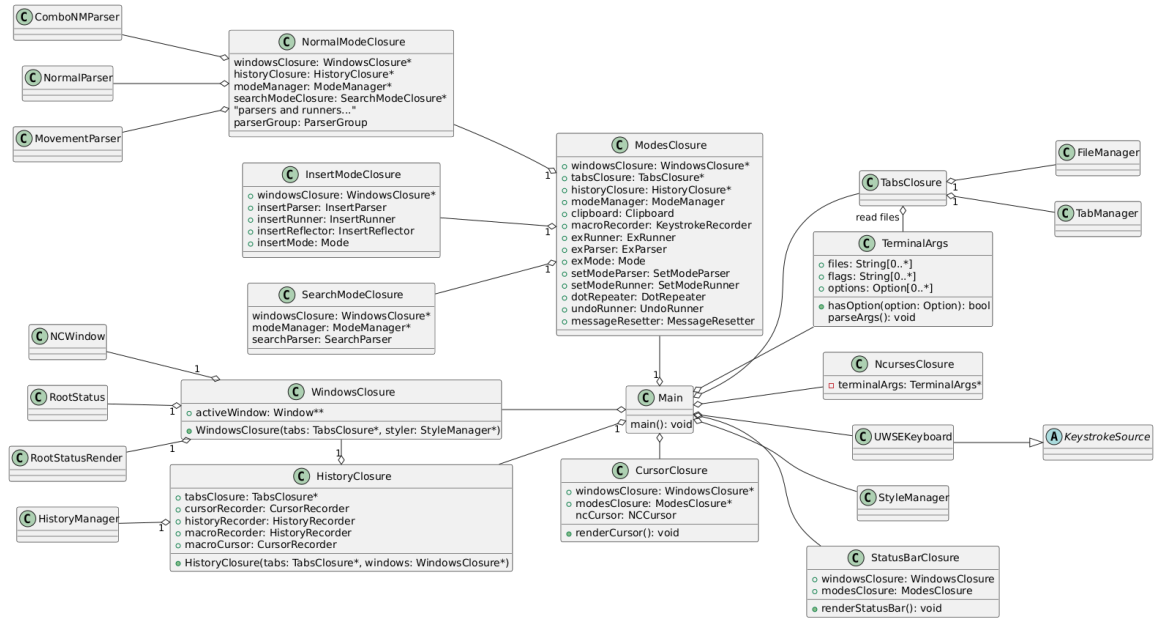


Figure 5. Classes used in `Main` to RAII and initialize and attach all parsers and runners.