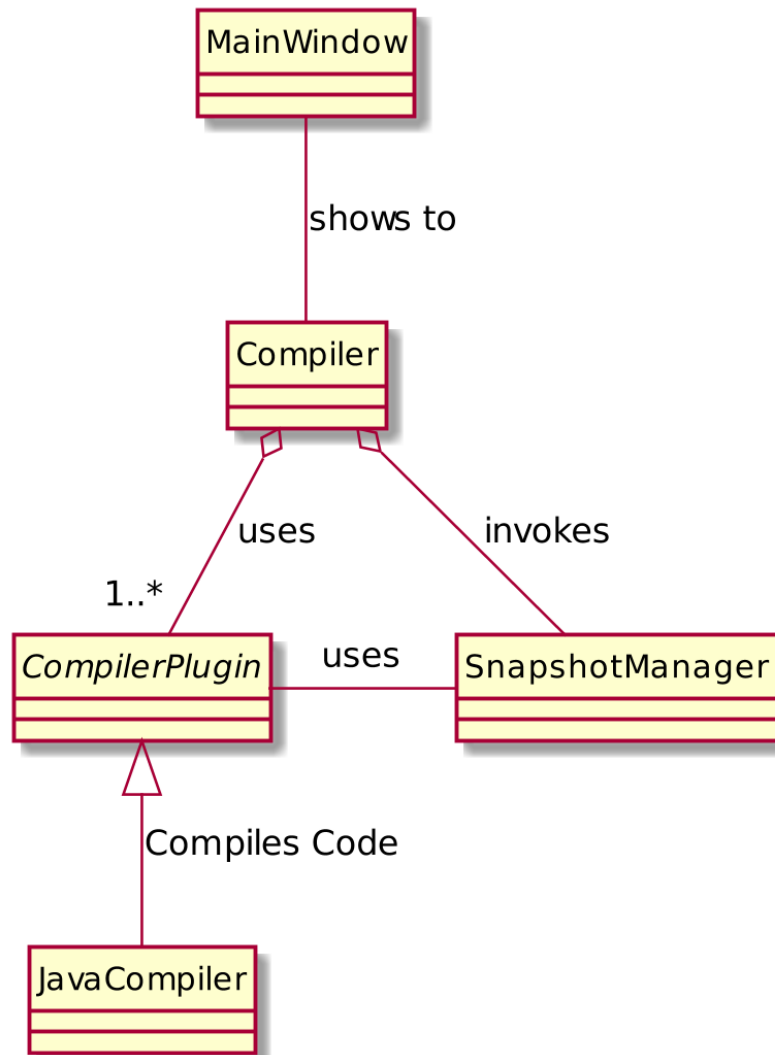


sQuire: A Web Based Collaborative Editor  
Class Diagrams  
Group 3

Rick Boss (boss2849)

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## 0.1 Compiler (boss2849)



Created by Rick Boss  
Reviewed by Eric Gallegos

Figure 1: The Compiler is invoked from the main window. From here, the Compiler will select the appropriate `CompilerPlugin` determined by the configured compiler for the project. The compiler also invokes the `SnapshotManager`, which stores the current state of the code to be used during compilation. In this simple example, only a `JavaCompiler` plugin is present, but there can be more than one plugins available in the future. The `JavaCompiler` plugin retrieves the code snapshot from the `SnapshotManager` and compiles the code.