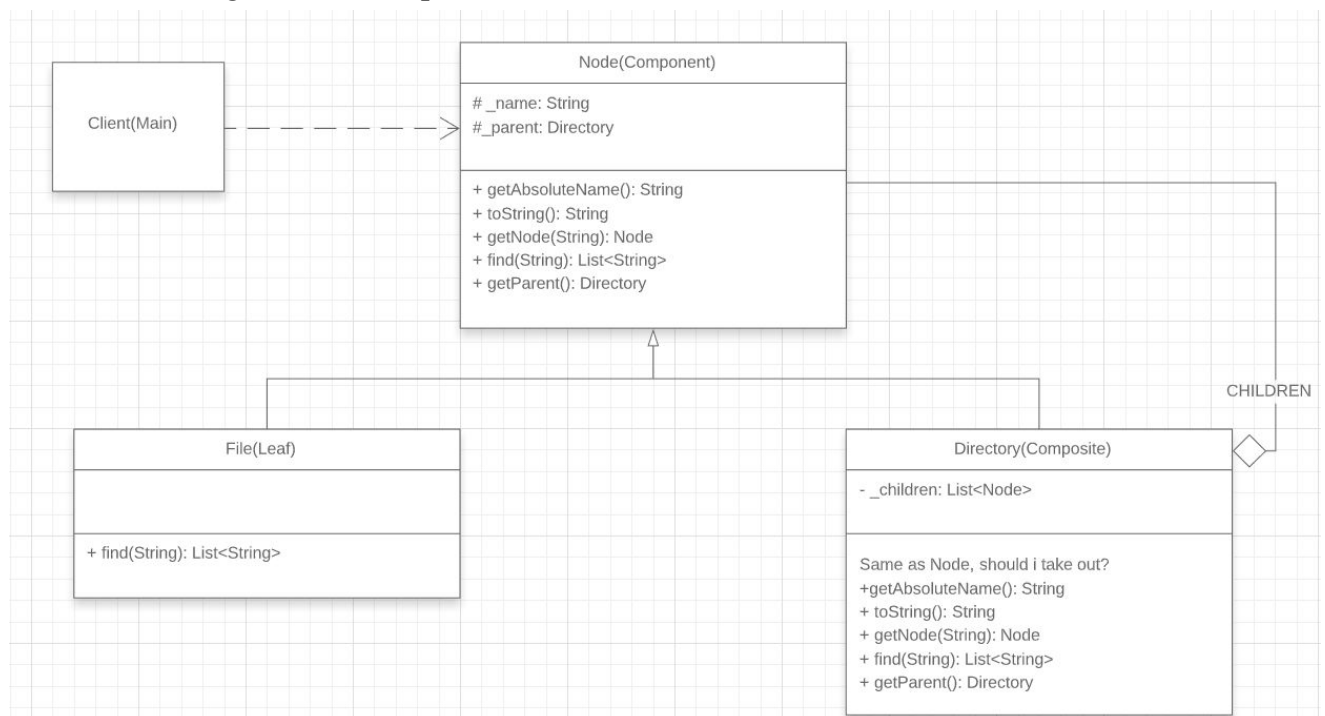


CMPT276 Assignment 2+3 Report

Regarding Assignment 3:

My FileSystem will handle the situation of a child file/directory that attempts to be created before the parent is created as an invalid input. The FileSystem will notify the user with such error, dictating either the file or directory parent does not exist nothing will be created.

UML Class Diagram for Composite Pattern:



The Classes used in the Composite Pattern:

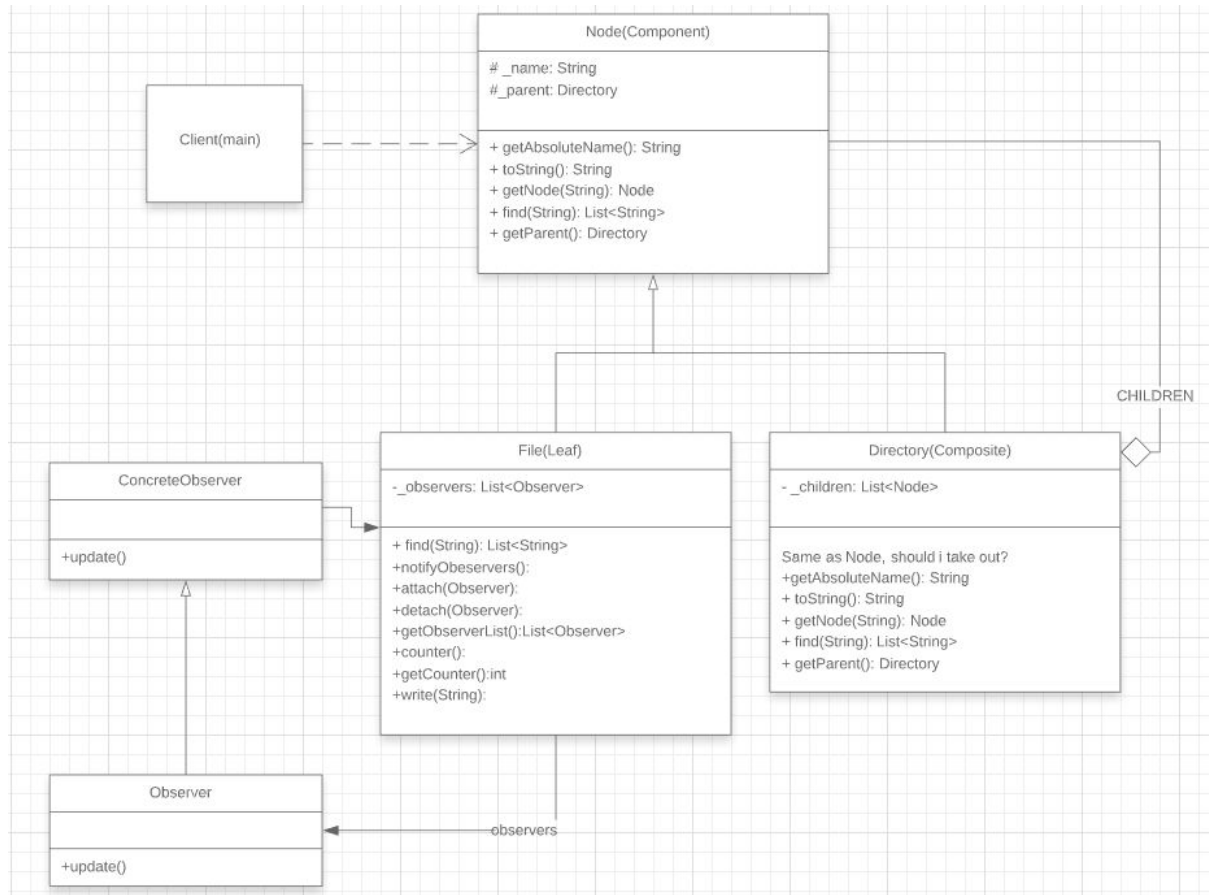
Main.java

File.java

Directory.java

Node.java

UML Class Diagram for Observer Pattern + Composite Pattern:



Classes used in the observer pattern:

Main.java

File.java

Directory.java

Node.java

FileObserver.java

Observer.java