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About MVC in Tai’s Application

In my application the both my view and controller are combined in one java file each. These files are called EventCreationView.java and View.java. There is a clear distinction between the two. The top half of the code for these java files represent the view while the bottom half represents the controller. All the listeners are in the controller and they are responsible for calling the mutator methods in the model to manipulate the data structure.

My model is represented in the java files Model.java and EventManager.java. The EventManager is an aggregate of Model. I designed the model so that whenever data is manipulated in the model the model immediately notifies the controllers to update the view. In my design it’s not the controller’s responsibility to remember to update the view. The data structure of the model is a HashMap with the date in MM/DD/YY format as the key and an ArrayList of Events as the value.