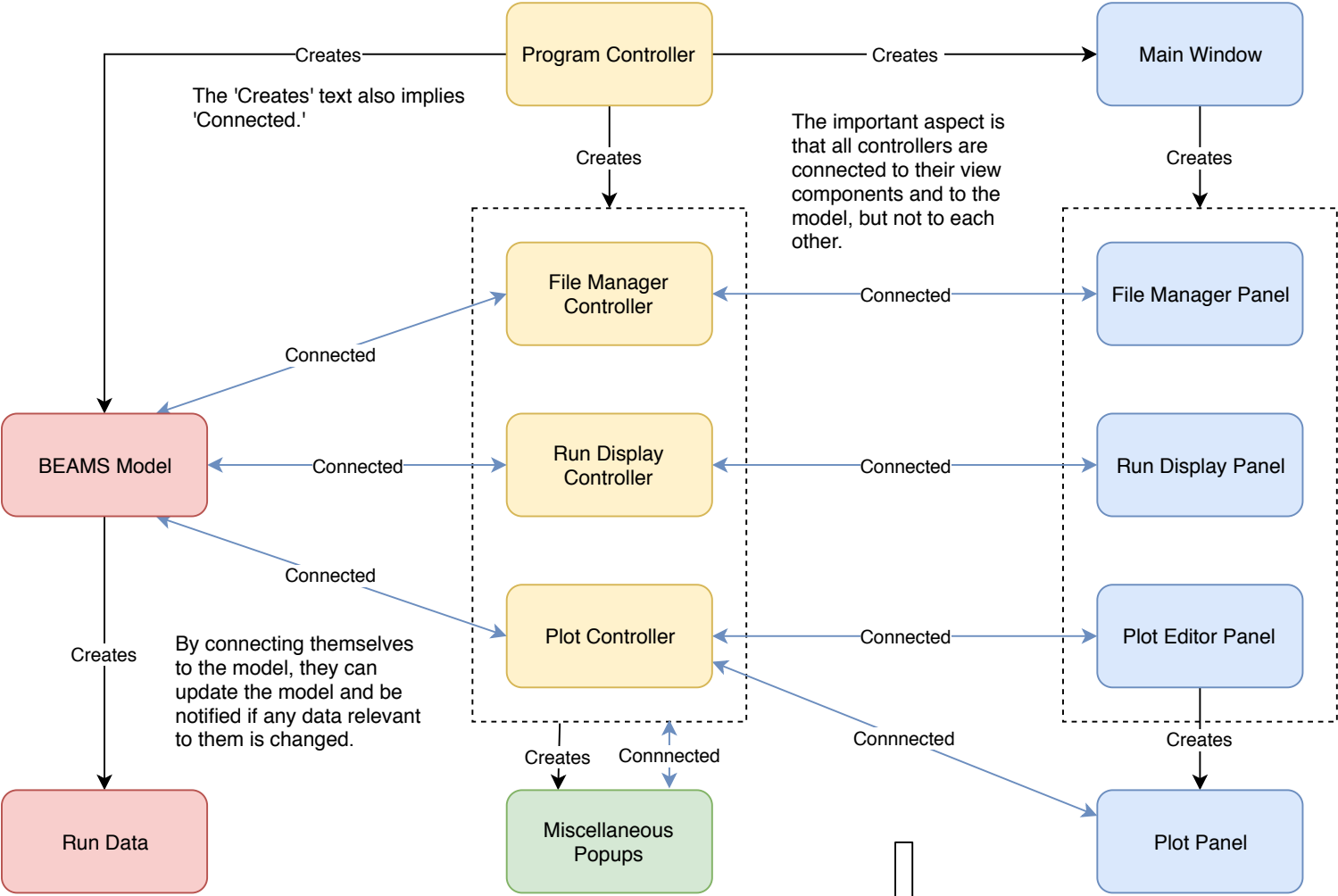


The main role of the Program Controller is to instantiate the other controllers, GUIs (by creating the Main Window), and model. It then makes all the connections seen below and the controllers register themselves to the model.



The idea behind the observer pattern in MVC is that, provided some user input, the controller calls the appropriate functions in the model to deal with that input that affects the data. The changes made in the model trigger a response in the controllers that register themselves as 'observers' of that aspect of the model and they update their respective views as needed.

