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Model View Controller

The Model-View-Controller (MVC) design pattern is an architectural software design pattern in which an application's code is separated into three separate categories: model, view, and controller. The model category represents any object or collection of objects. The view categories is concerned with displaying information to the end user of anything in the model category as well as getting input from the user. In other words, the view is oftentimes the user-interface for the model. The controller components handle application logic in order to invoke the correct view and model methods. Using the MVC pattern offers the advantages of higher code cohesion and lower coupling or more plainly the applications code becomes more reusable, more modifiable, more readable, and more testable.

The image below from Wikipedia's article on the MVC pattern shows the relationships between each component and the application user.

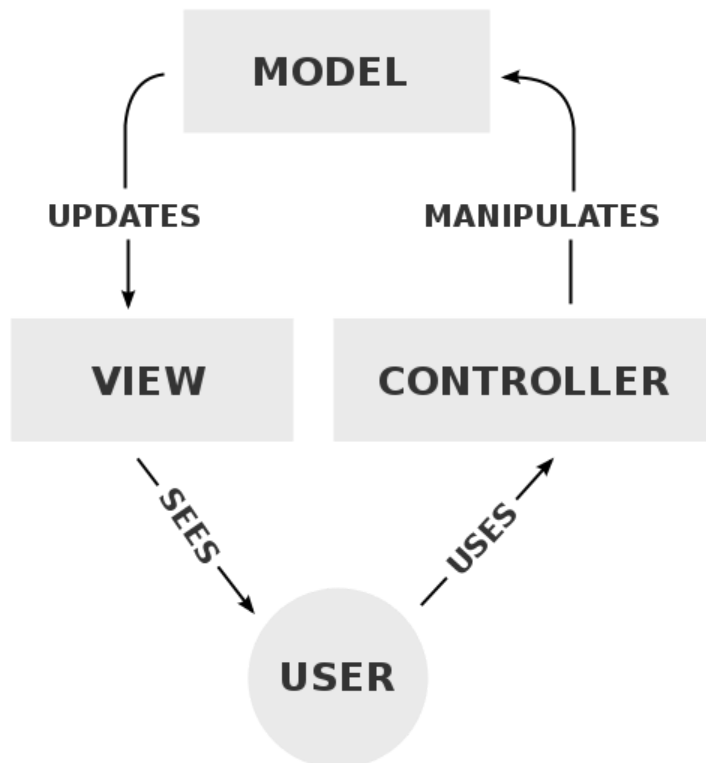


Image from <https://en.wikipedia.org/wiki/Model-view-controller>