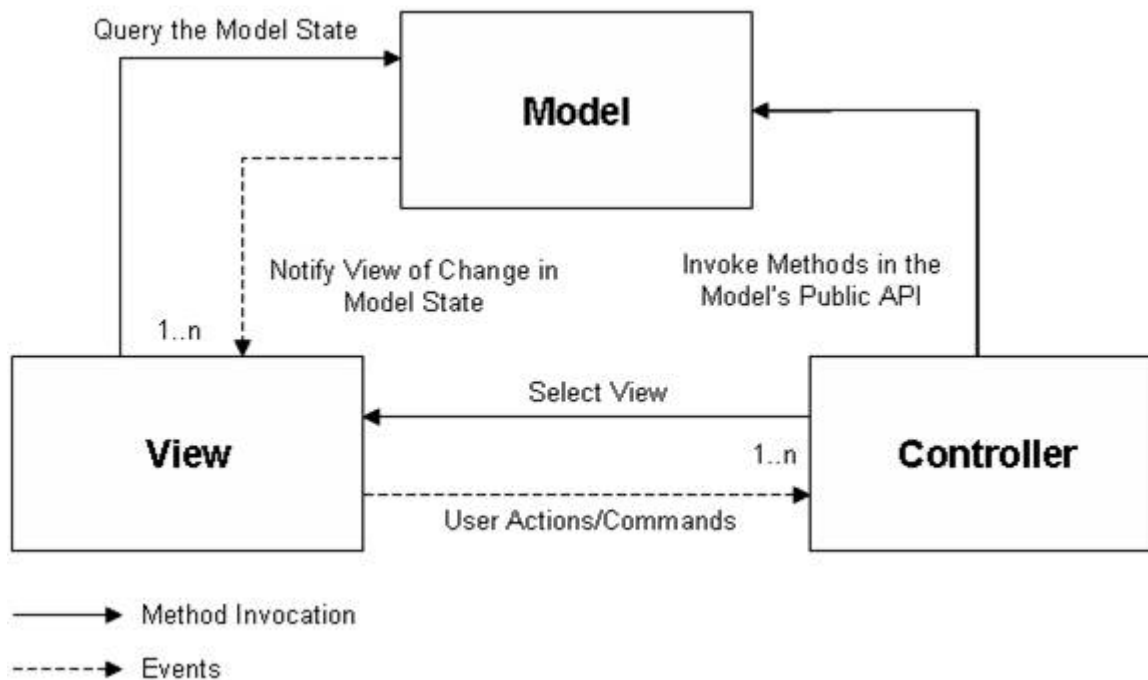


## MVC Service

### Summary



MVC(Model-View-Controller) pattern separates the code into 3 elements such as Model, View, Controller depending on function (role).

- Model: object to contain the data and business logic of application.
- View: displays the information of Model to user. Can use one model in various views.
- Controller: plays a role of engaging Model and View. Reflect the status changed in model at the request of user and select the view for response.

MVC pattern reduces the dependence by separating UI code and business code, raises the reusability and enables easier change.

MVC pattern is not a word used for Web Framework only, but in e-government framework, "MVC service" means Web MVC Framework utilizing MVC pattern.

### Description

Open source Web MVC Framework includes Spring MVC, Struts, Webwork and JSF, and are used with each advantage.

While they are not that different in terms of function, but e-government framework adopts Spring Web MVC as the MVC service-based open source, in consideration of the following advantages.

- It has relatively few restriction that specific class in Framework should be inherited, referred or implemented. Since Controller(Spring 2.5 @MVC) or Form class is more closer to POJO-style, it can create the code concentrated to business logic.
- If IOC Container is Spring(even if Web Framework such as Struts orWebwork can be used with simple setting), Spring MVC can be used without additional setting for connection. IOC Container of e-government framework isSpring.
- Open source project is activated(add consistent function, fast bug fix and Q&A) and roadmap is reliable.
- Reference or book related to activation degree of domestic community activation can be easily obtained.

### Spring MVC

See the detailed page shown below for description on Spring MVC.

- [Spring MVC Architecture](#)
- [DispatcherServlet](#)
- [HandlerMapping](#)
- [Controller](#)
- [Annotation-based Controller](#)
- [Validation](#)
- [Declarative Validation](#)
- [View](#)
- [SpEL](#)

### **Example Execution**

- Installation guide for [easycompany](#): Guide to install and execute the easycompany, the example code of MVC, Ajax Support and Security.

### **Reference**

- [SUN Java BluePrints, Model-View-Controller](#)