

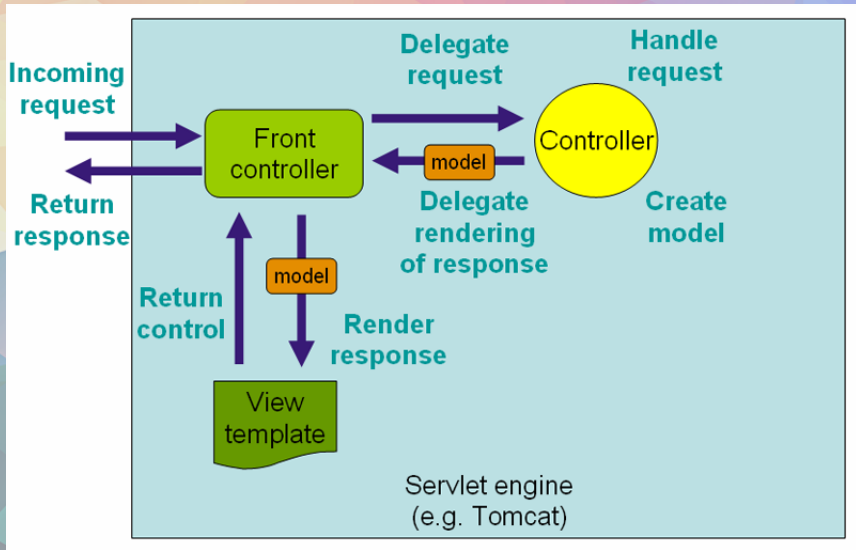
SPRING MVC BASICS

Bernardo Cuteri

WHAT'S SPRING MVC

- software component in the Spring framework
- MVC framework for web applications
- lightweight and opensource

THE MVC DESIGN PATTERN



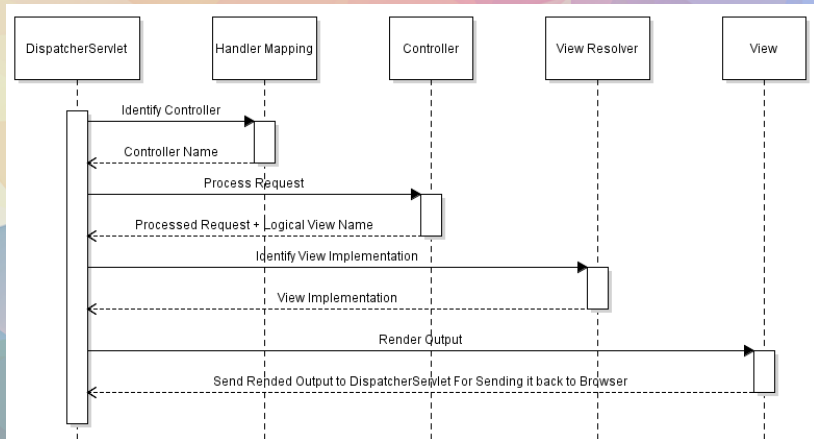
JAVA MVC WITHOUT SPRING

- model: Java POJO
- views: JSP pages
- controllers: java servlets

JAVA MVC WITH SPRING

- model: Java Map
- views: pluggable view technologies
- controllers: controller classes

REQUEST HANDLING



THE DISPATCHER SERVLET

- Handles all incoming requests and routes them to Spring controllers
- Uses customizable logic to determine which controllers should handle which requests

AN EXAMPLE OF CONTROLLER CLASS

Code on eclipse IDE

THE MODEL

- Used to pass objects from the controller tier up into the view
- It is just a `java.util.Map`
- Attributes in the Model will be passed as request attributes and available in the application `PageContext`
- In Spring we can use a simple `Map` or Spring specific classes: `ModelMap` or `Model`