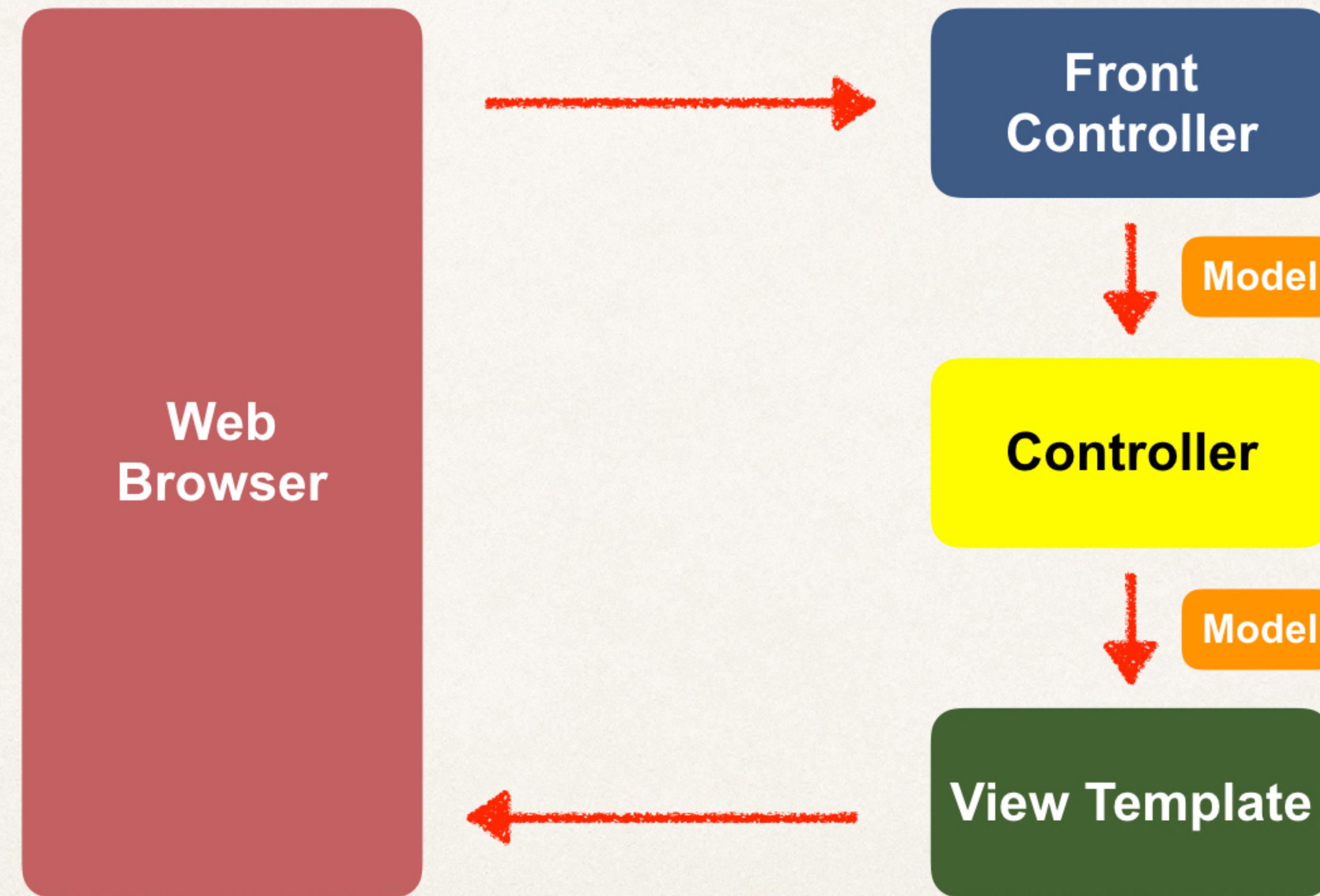


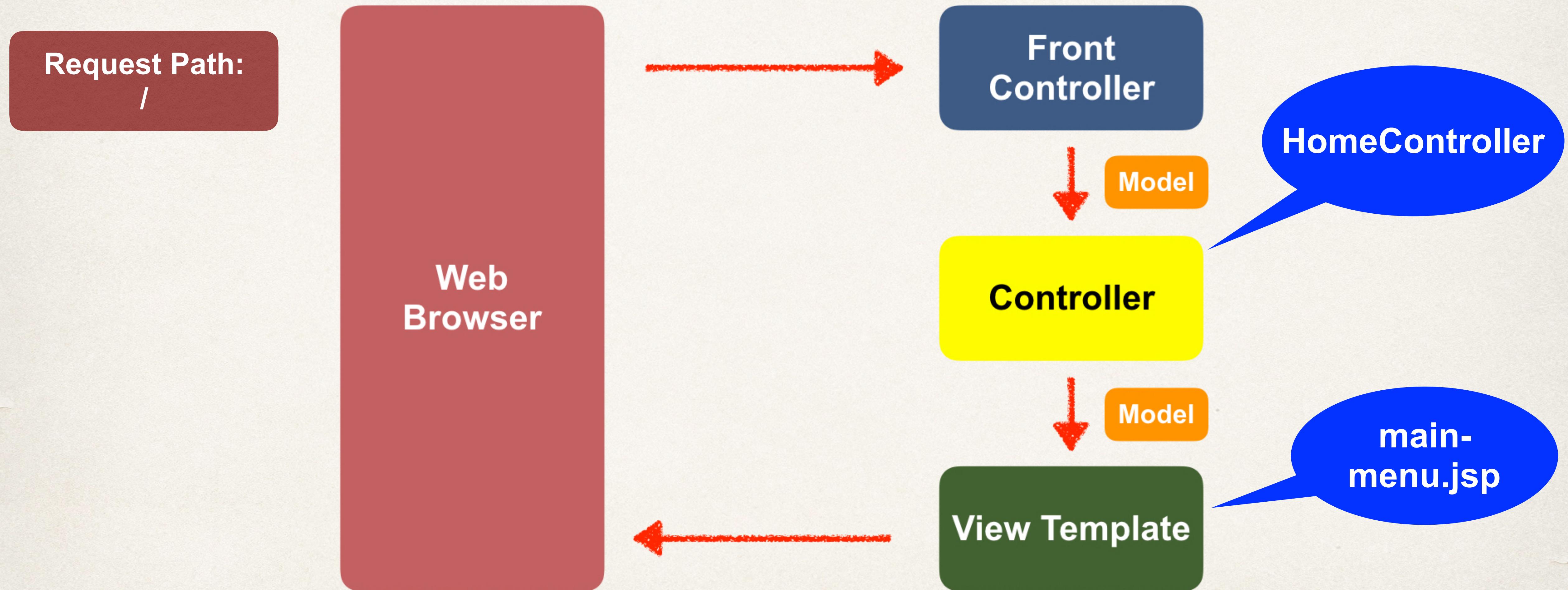
Developing Spring Controllers and Views



Model-View-Controller (MVC)



Our First Spring MVC Example



Development Process

Step-By-Step

1. Create Controller class
2. Define Controller method
3. Add Request Mapping to Controller method
4. Return View Name
5. Develop View Page

Step 1: Create Controller class

- Annotate class with **@Controller**
 - **@Controller** inherits from **@Component** ... supports scanning

```
@Controller
public class HomeController {  
}
```

Step 2: Define Controller method

```
@Controller  
public class HomeController {  
  
    public String showMyPage() {  
  
        ...  
    }  
  
}
```

Step 3: Add Request Mapping to Controller method

```
@Controller  
public class HomeController {  
  
    @RequestMapping("/")  
    public String showMyPage() {  
  
        ...  
    }  
  
}
```

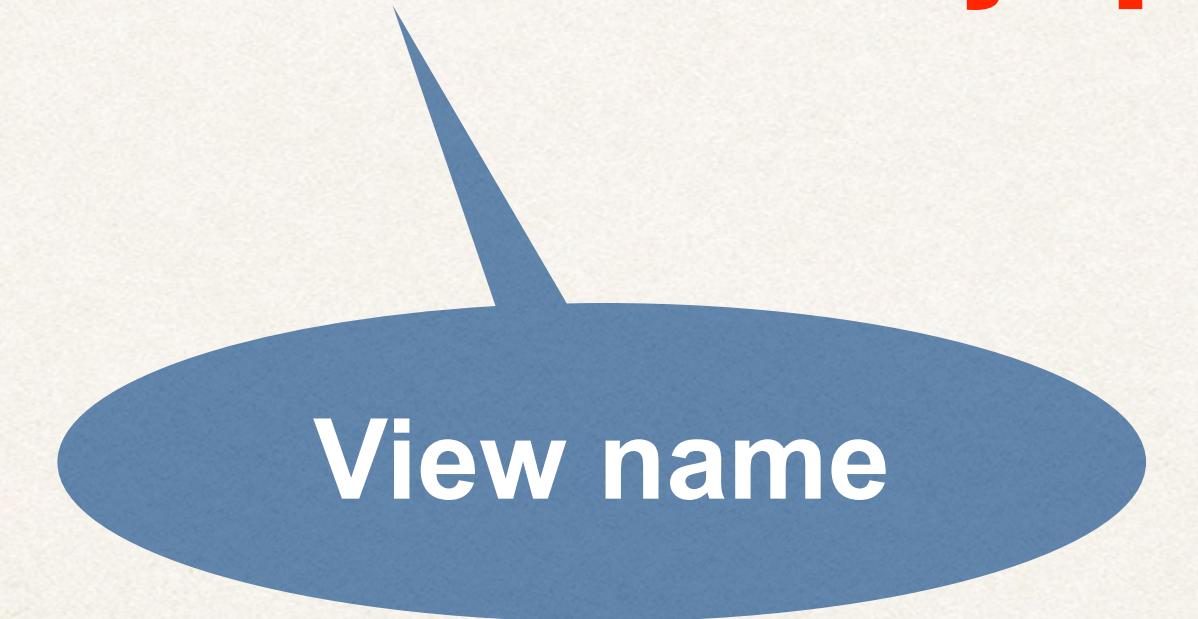
Step 4: Return View Name

```
@Controller  
public class HomeController {  
  
    @RequestMapping("/")  
    public String showMyPage() {  
        return "main-menu";  
    }  
  
}
```

Finding the View Page

```
<bean  
    class="org.springframework.web.servlet.view.InternalResourceViewResolver"  
    <property name="prefix" value="/WEB-INF/view/" />  
    <property name="suffix" value=".jsp" />  
</bean>
```

/WEB-INF/view/main-menu.jsp



Step 5: Develop View Page

File: /WEB-INF/view/main-menu.jsp

```
<html><body>
```

```
<h2>Spring MVC Demo - Home Page</h2>
```

```
</body></html>
```

Recap - Development Process

Step-By-Step

1. Create Controller class
2. Define Controller method
3. Add Request Mapping to Controller method
4. Return View Name
5. Develop View Page