

# Week 9: Architecture

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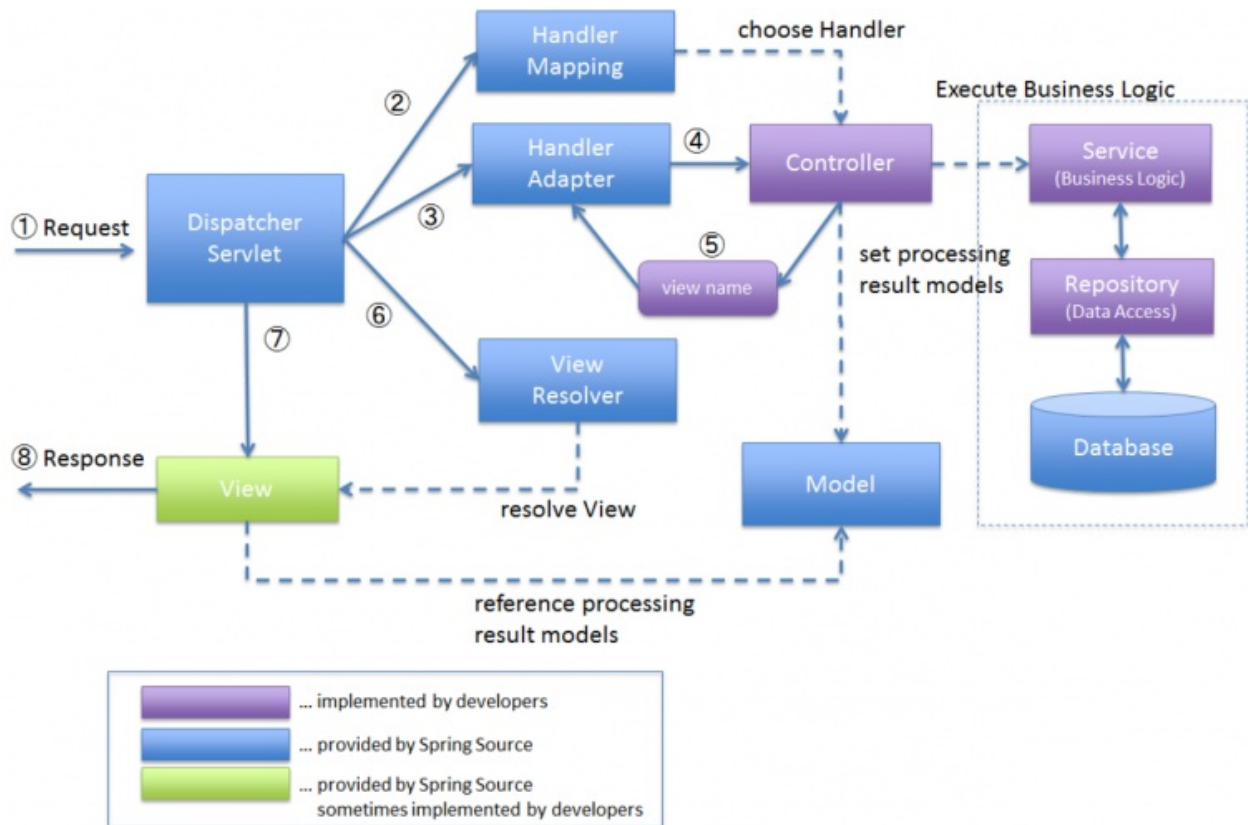


Hi there,

this week, we've been working on our Software Architecture Document which you can check out [here](#). We are using Spring MVC as our main framework. This allows us to create an interactive and dynamic Web Application, that uses the Model-View-Controller logic and it offers the possibility of coding in Java.

A key difference between a traditional MVC controller and the RESTful web service controller in Spring is the way that the HTTP response body is created. Rather than relying on view technology to perform server-side rendering of the greeting data to HTML, this RESTful web service controller simply populates and returns an object. The object data will be written directly to the HTTP response as JSON.

Spring uses a Dispatcher Servlet that accepts requests and forwards to the view resolver. This resolver serves our view files. See steps 1, 6, 7 and 8. This is our controller according to the MVC model.



Within this document you can find:

the class diagrams with marked MVC

the ER diagram

the deployment view