

Overview of Spring Boot's Internal Architecture

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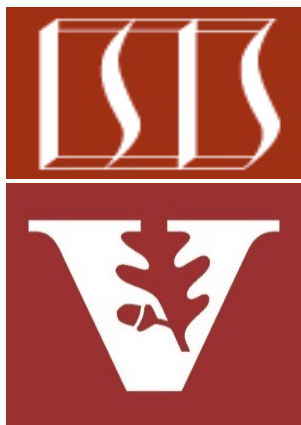
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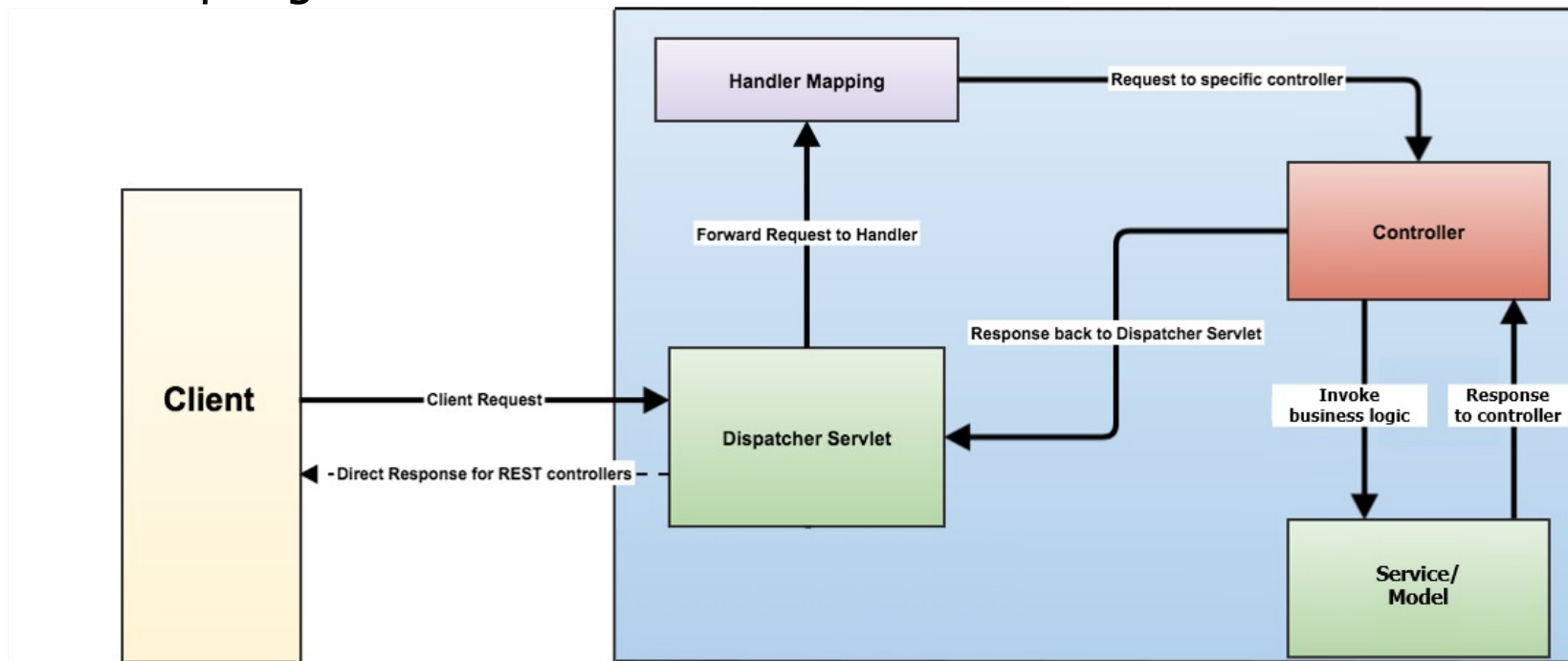
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Nashville, Tennessee, USA**



Learning Objectives in this Lesson

- Understand the internal software architecture of Spring Boot

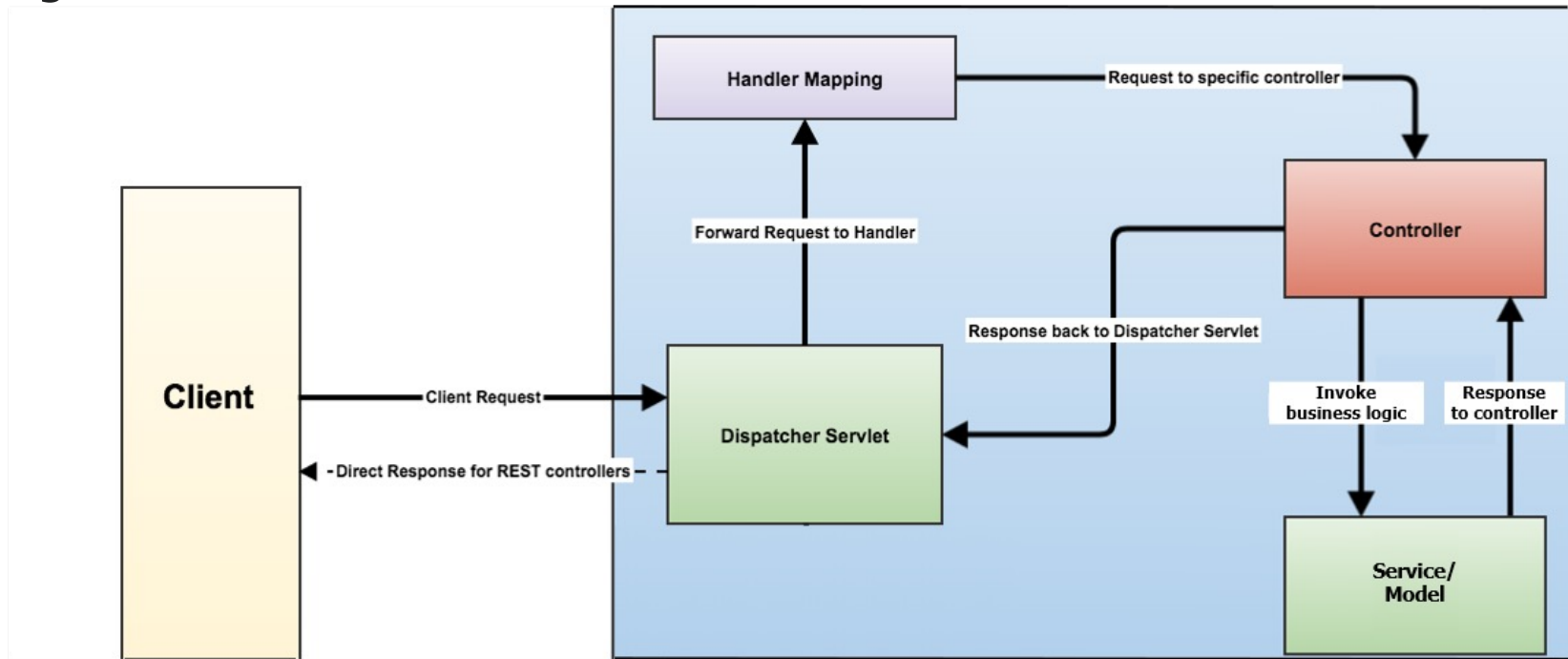


This architecture is similar (though not identical) for WebMVC & WebFlux

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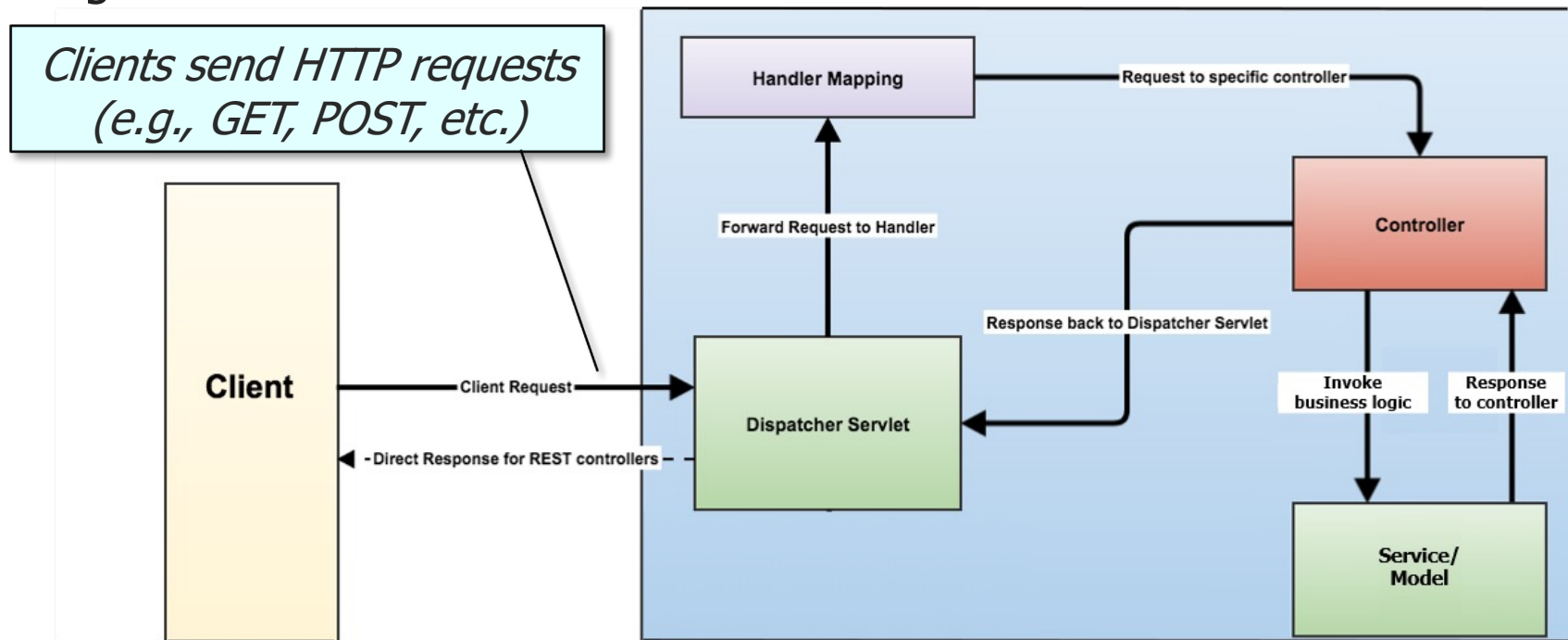
- Internally Spring Boot leverages Servlets & associated HTTP request/response processing



See www.javadevjournals.com/spring-mvc/spring-controllers

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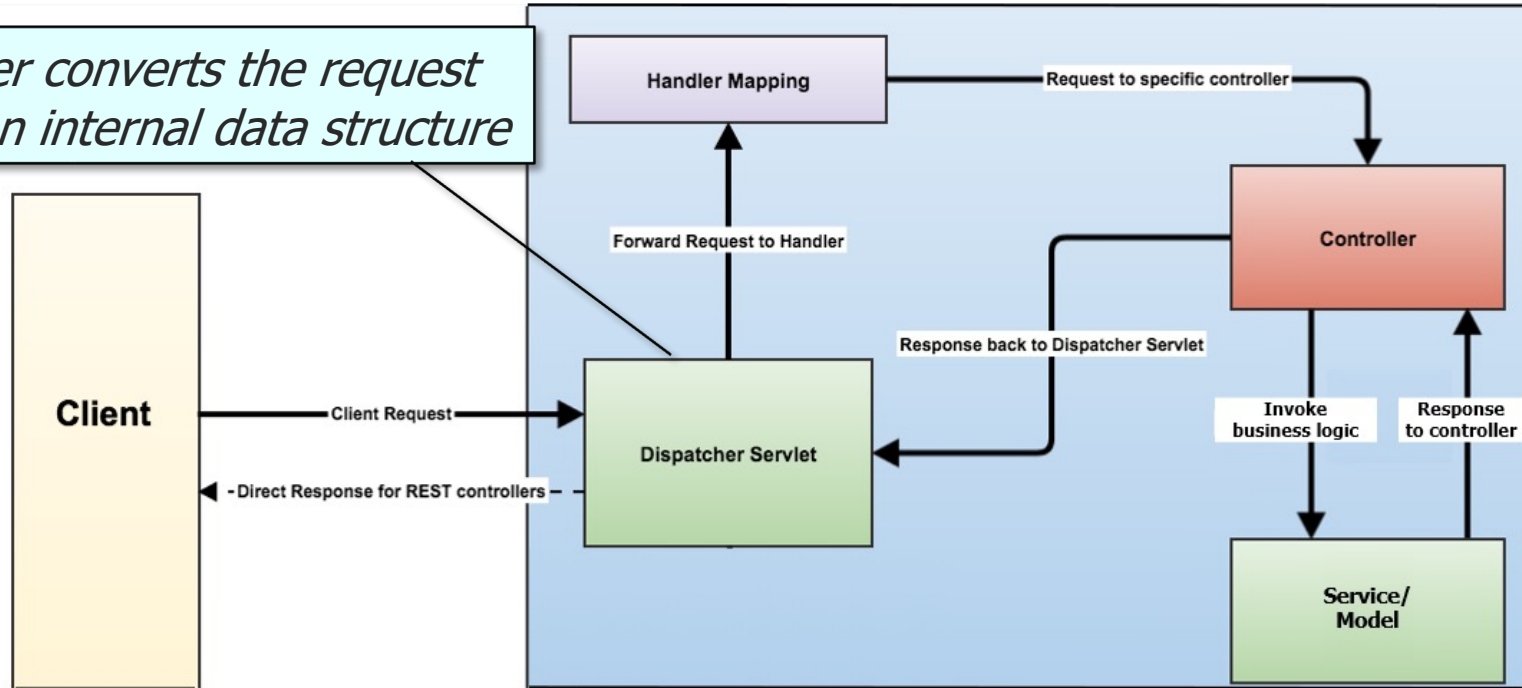


See developer.mozilla.org/en-US/docs/Web/HTTP/Methods

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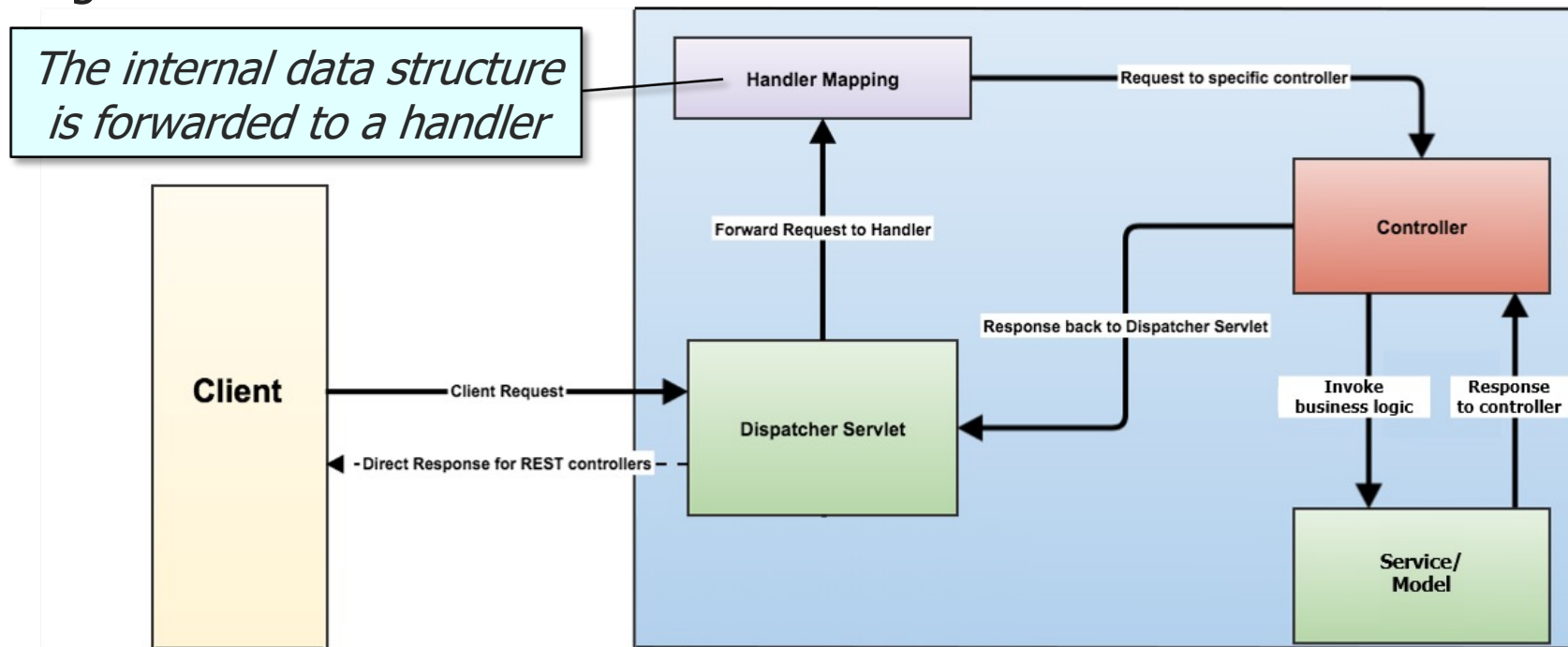
The dispatcher converts the request contents into an internal data structure



See www.baeldung.com/spring-dispatcherservlet

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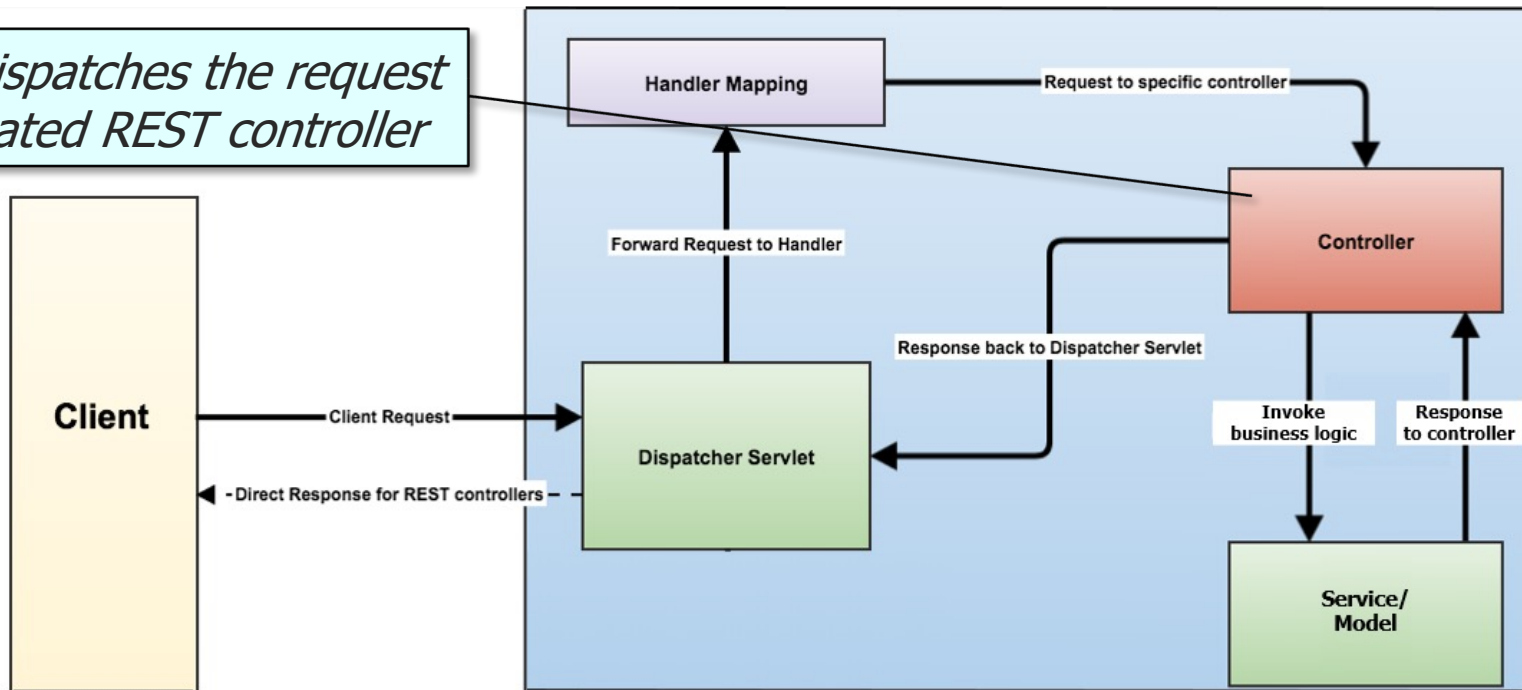


See docs.oracle.com/javaee/7/api/javax/servlet/http/HttpServletRequest.html

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The handler dispatches the request on the associated REST controller

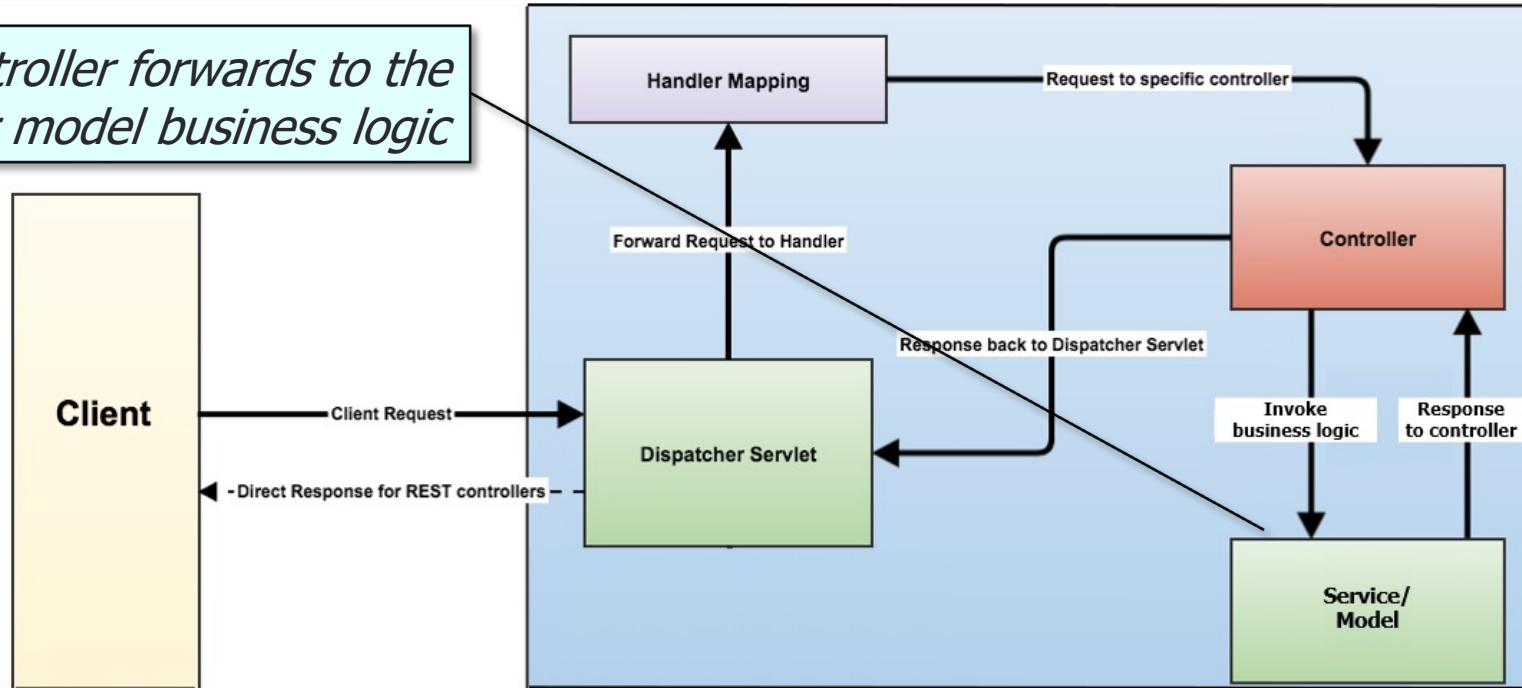


See spring.io/guides/tutorials/rest

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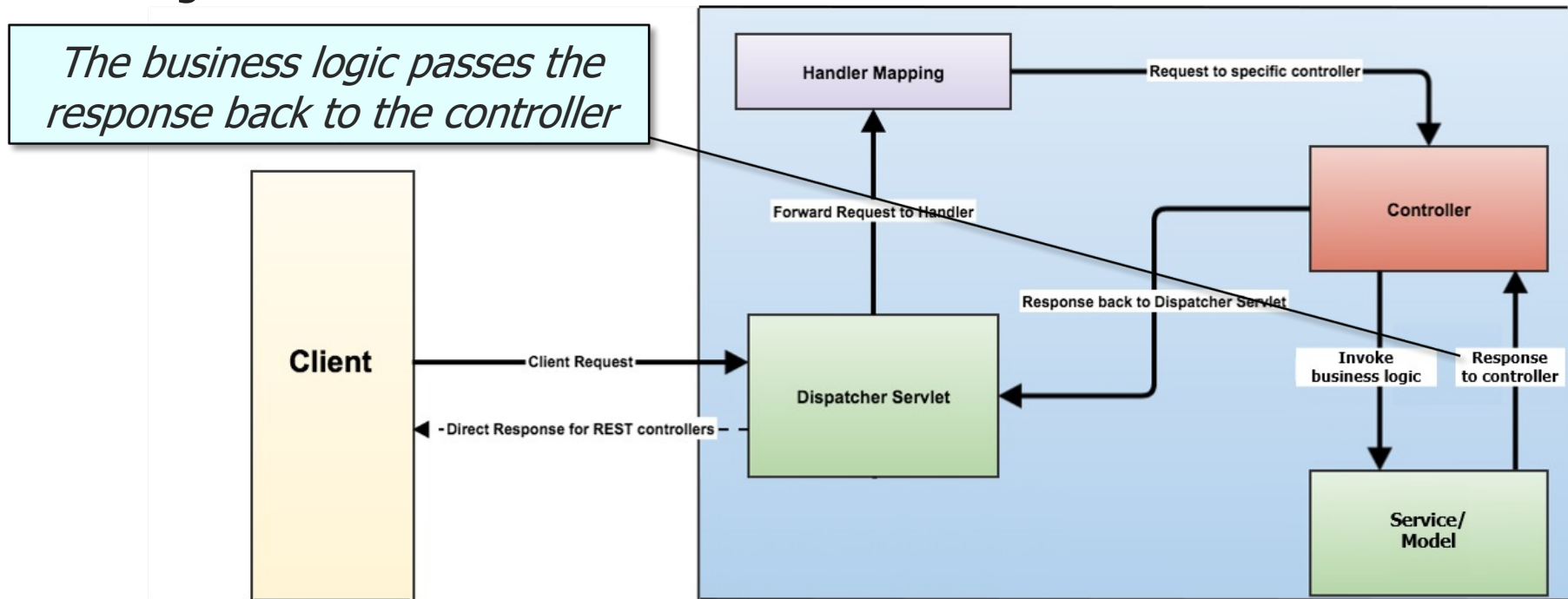
The REST controller forwards to the service and/or model business logic



See www.tutorialspoint.com/spring_boot/spring_boot_service_components.htm

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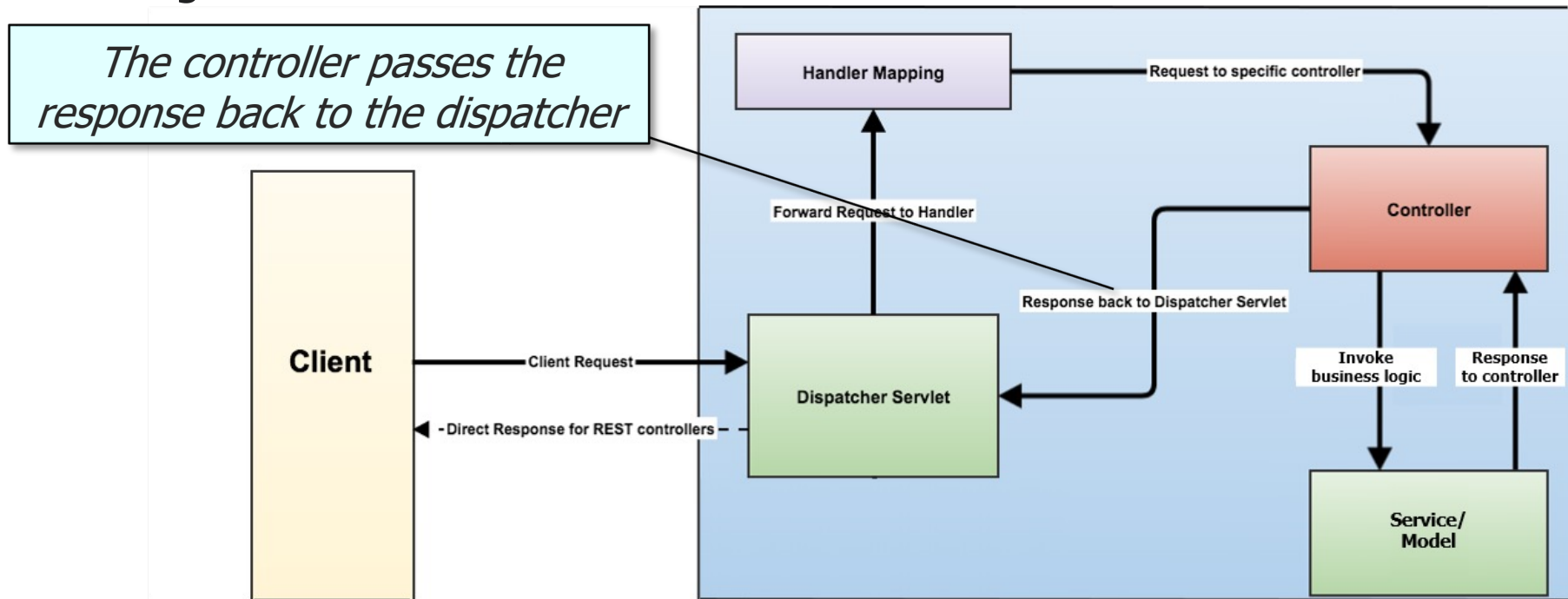
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These interactions are performed by Java method calls

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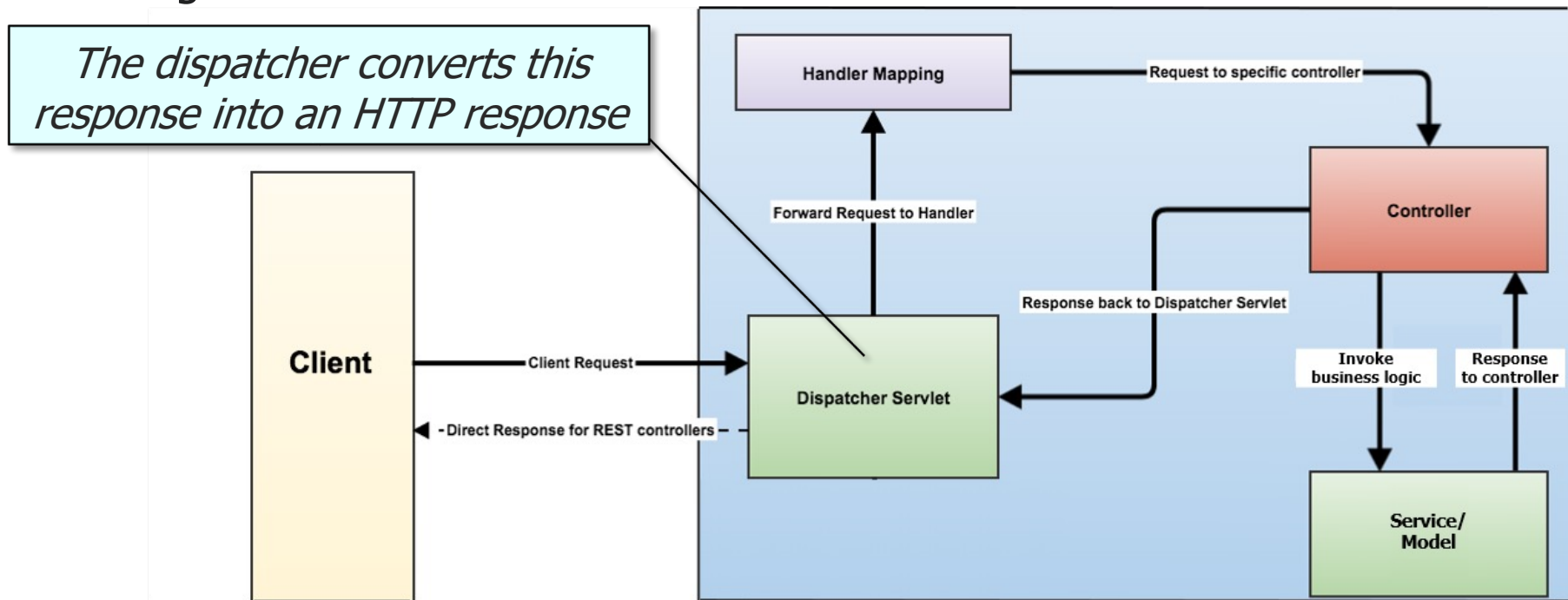
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See docs.oracle.com/javaee/7/api/javax/servlet/http/HttpServletResponse.html

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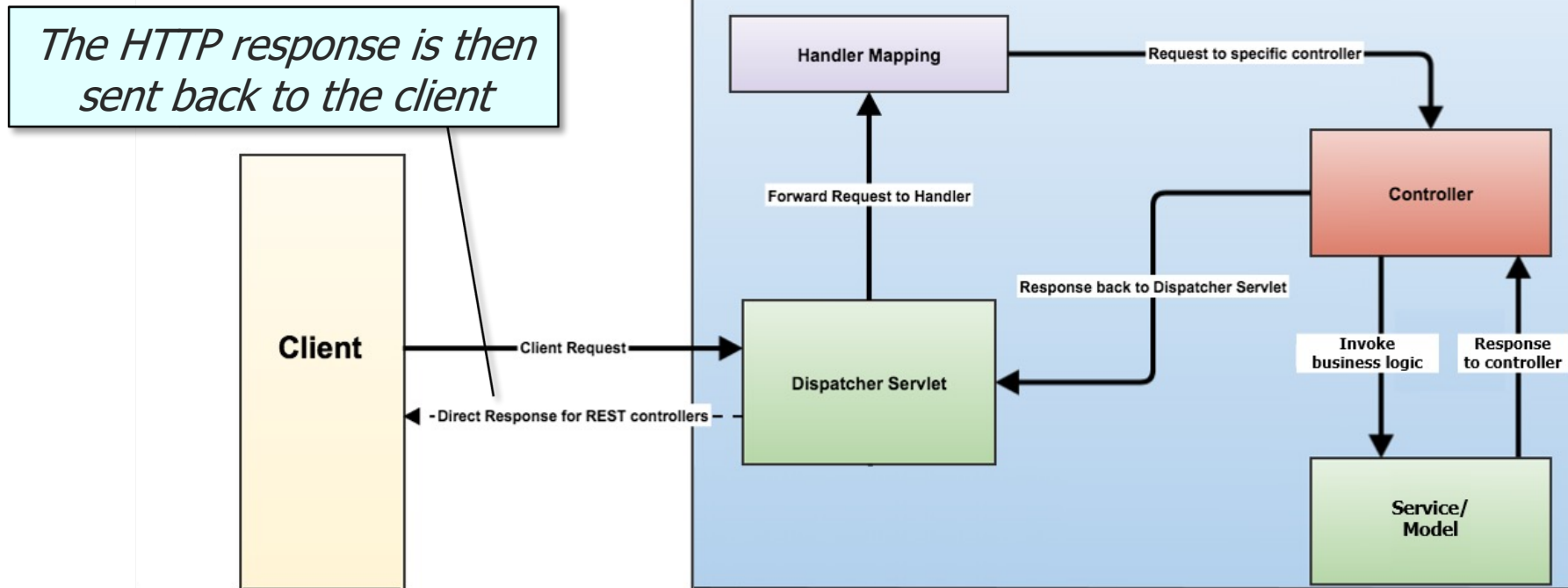
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See www.toolsqa.com/client-server/http-response

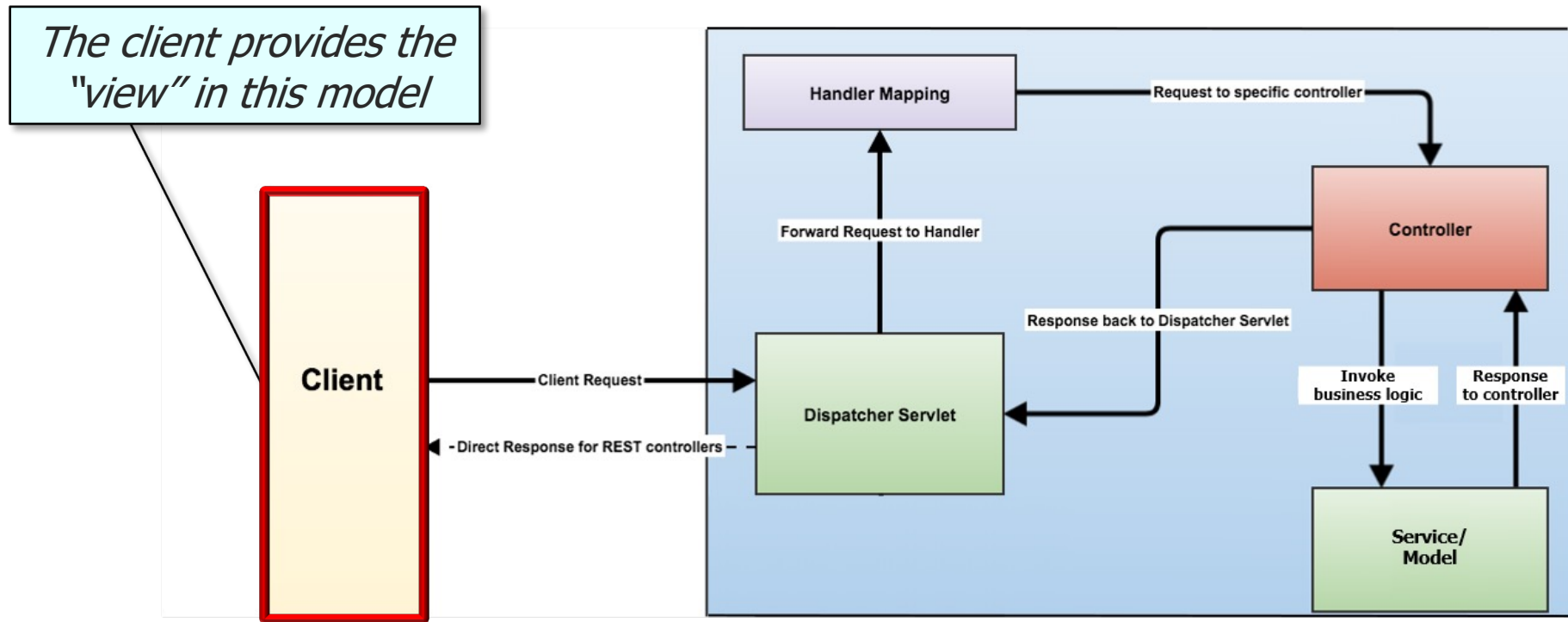
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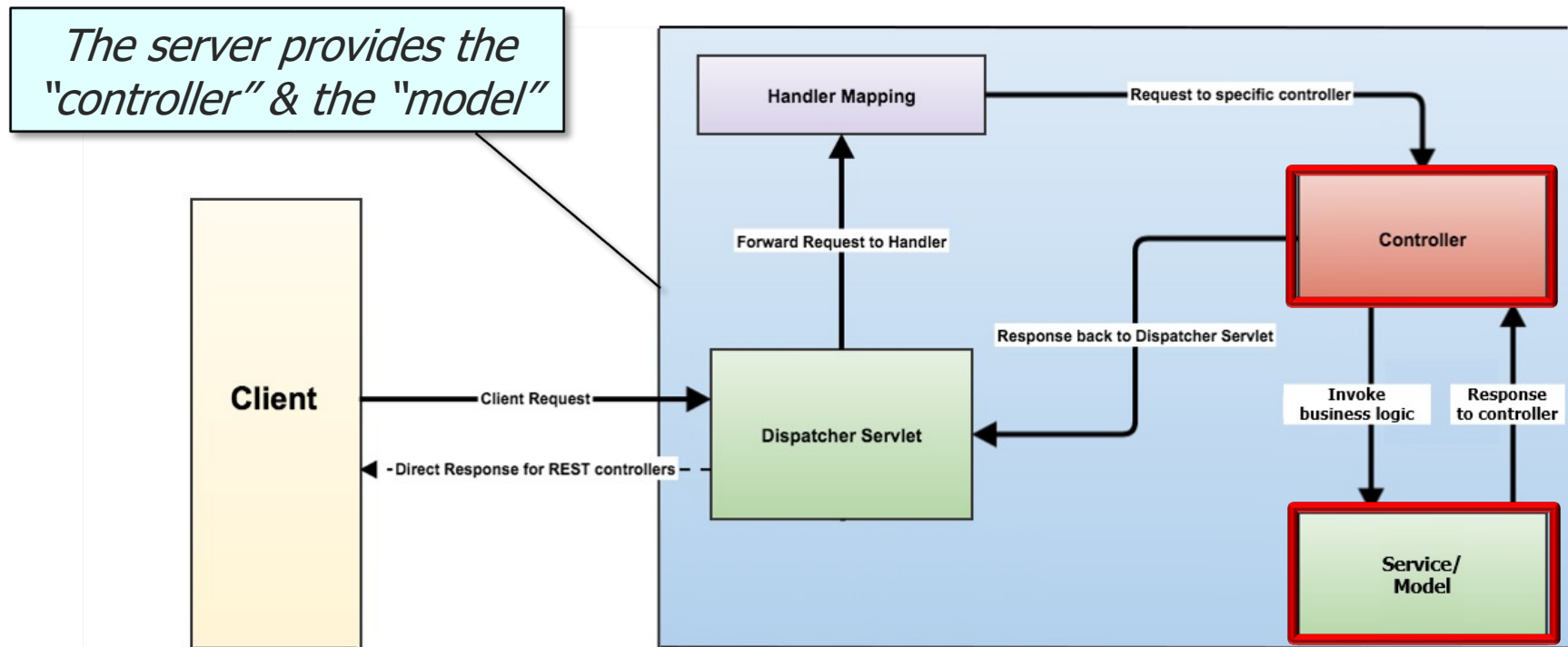
- Spring Boot implements the Model-View-Controller (MVC) pattern



See en.wikipedia.org/wiki/Model-view-controller

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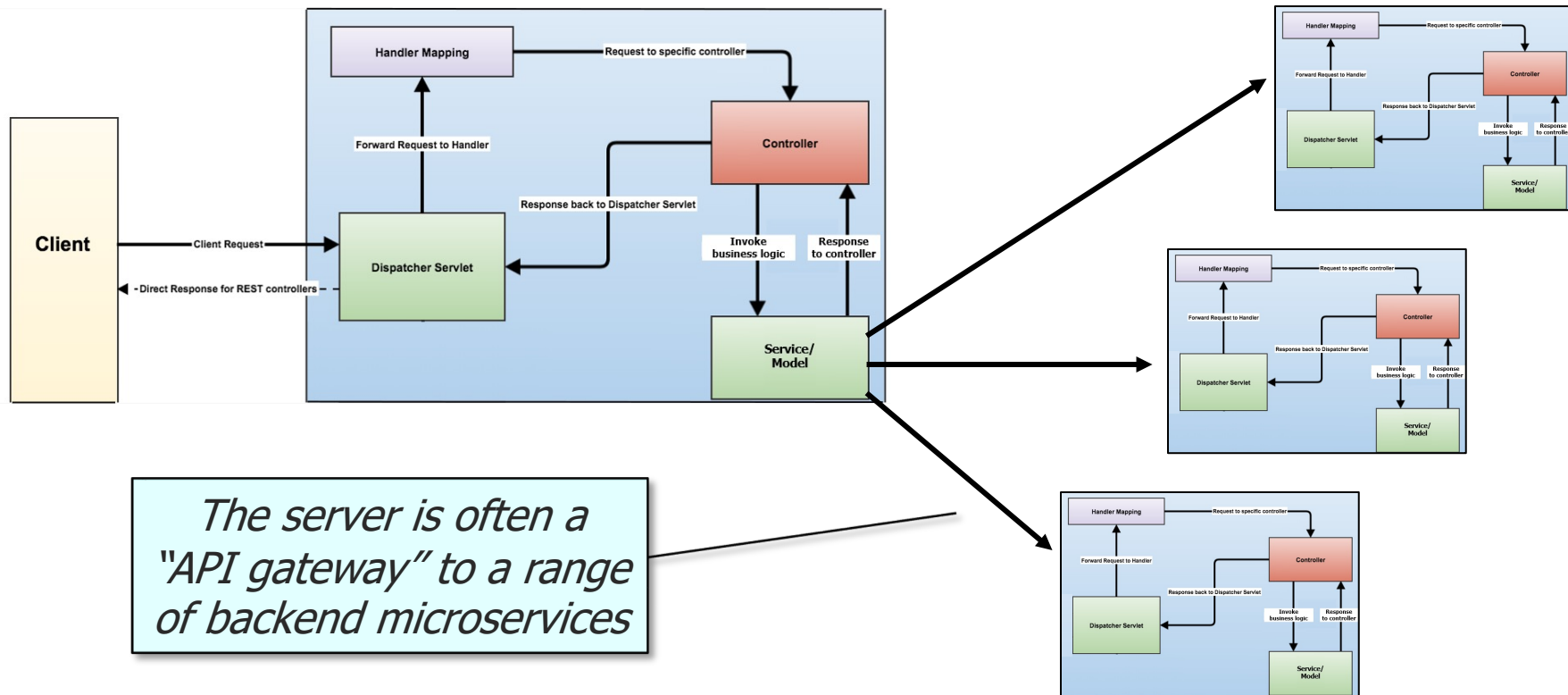
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- Spring Boot implements the Model-View-Controller (MVC) pattern



See spring.io/microservices

End of Overview of Spring Boot's Internal Architecture