Overview of Spring Boot's Internal Architecture

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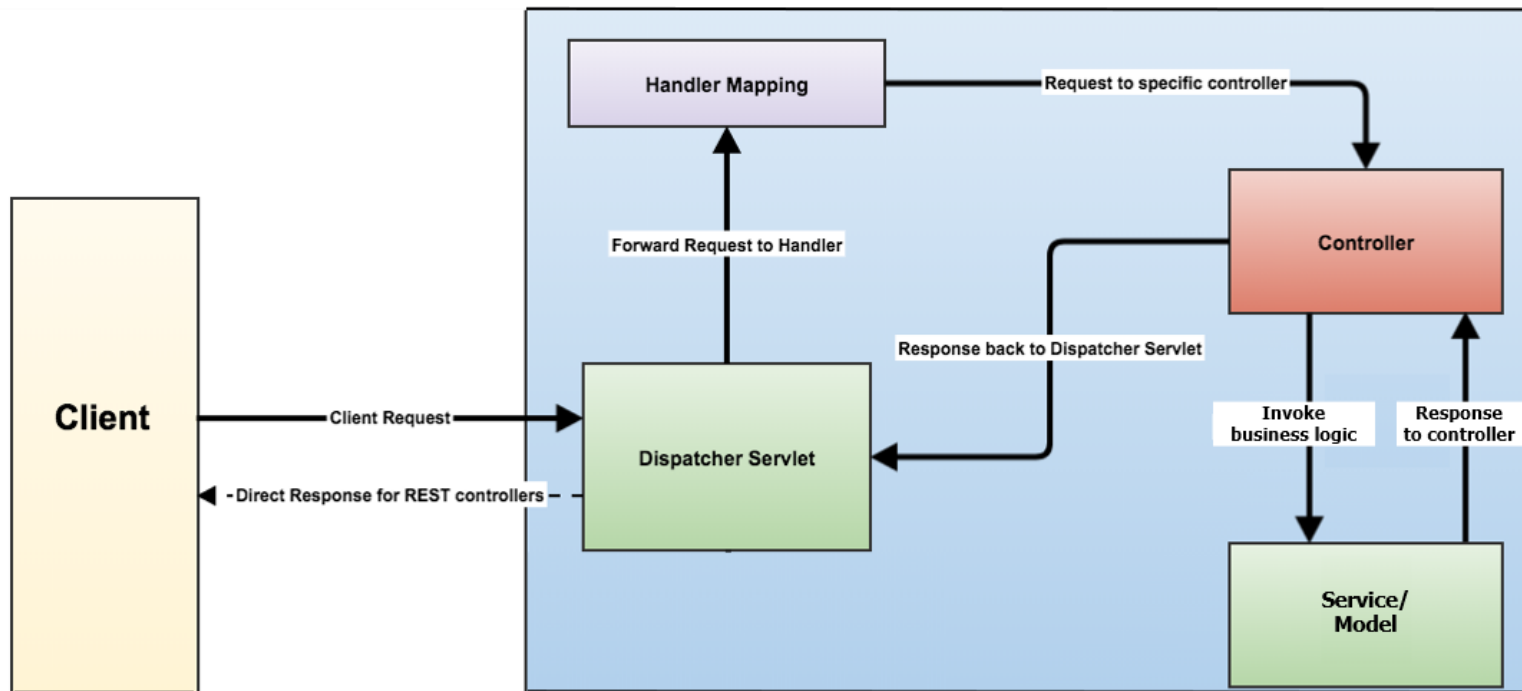
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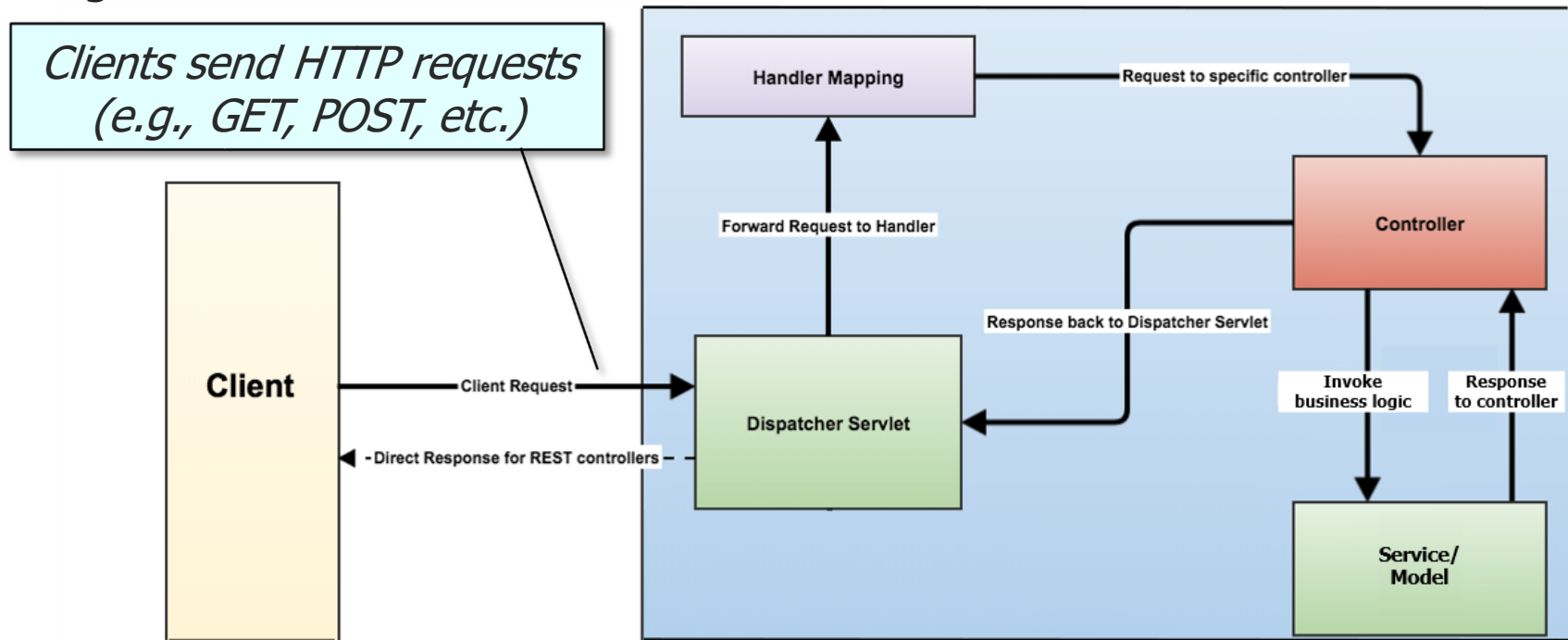
Overview of Spring Boot's Internal Architecture

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

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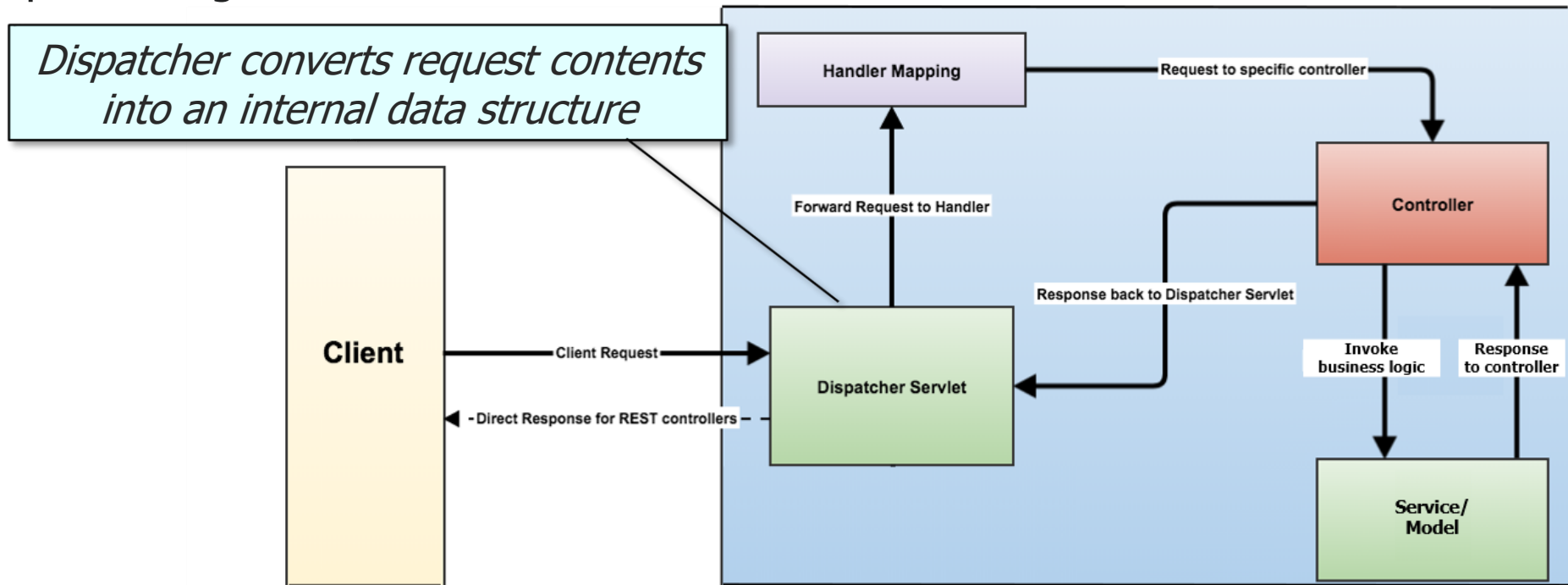- Internally Spring Boot leverages Servlets & associated HTTP request/response processing

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

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Dispatcher converts request contents into an internal data structure

See www.baeldung.com/spring-dispatcherservlet

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The internal data structure is forwarded to a handler
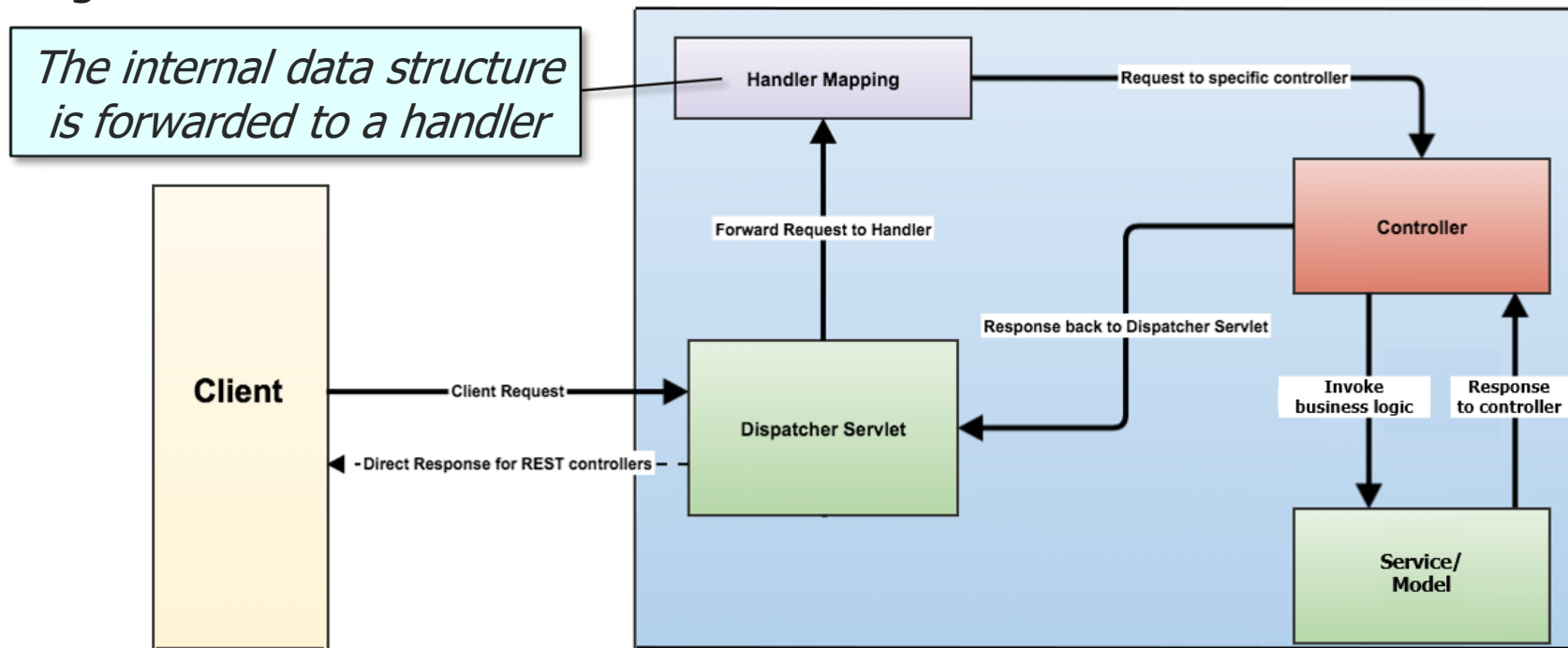
See docs.oracle.com/javaee/7/api/javax/servlet/http/HttpServletRequest.html

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The handler dispatches the request on the associated REST controller

See spring.io/guides/tutorials/rest

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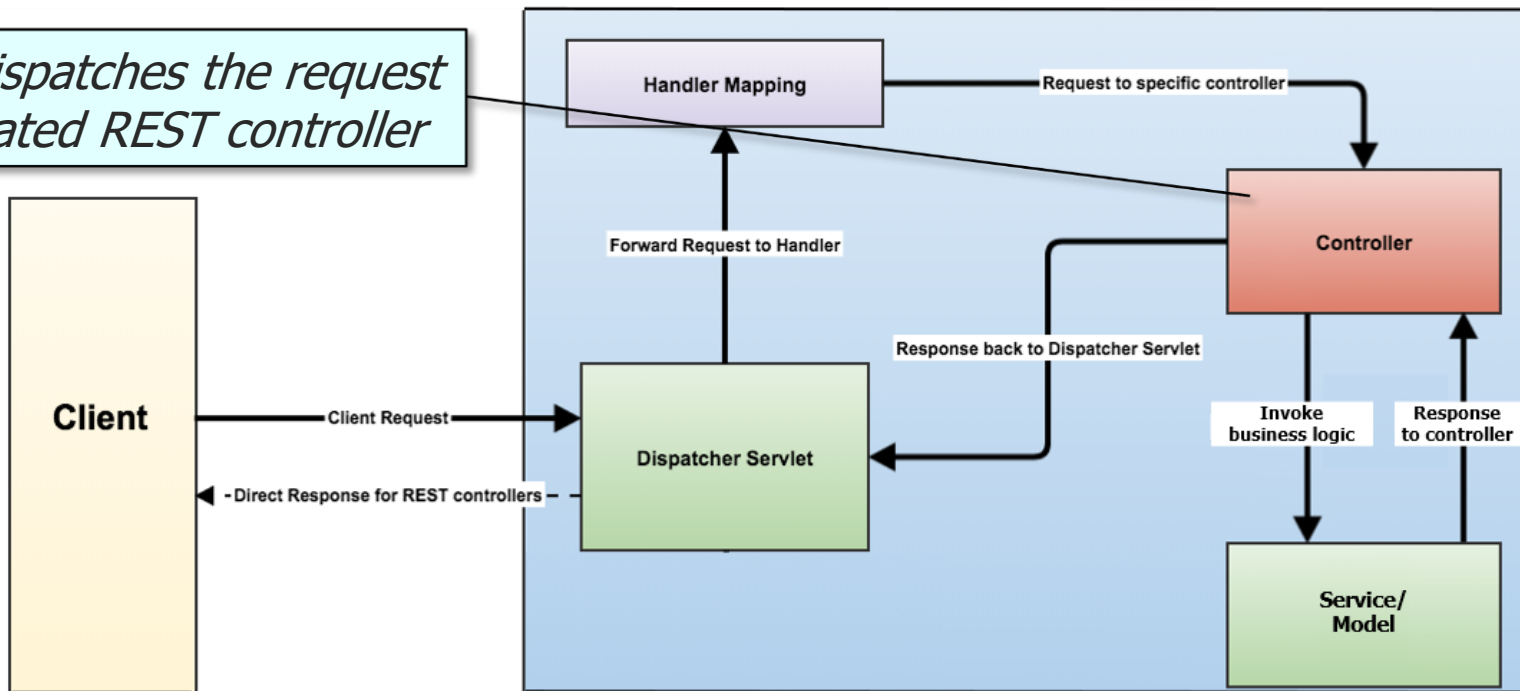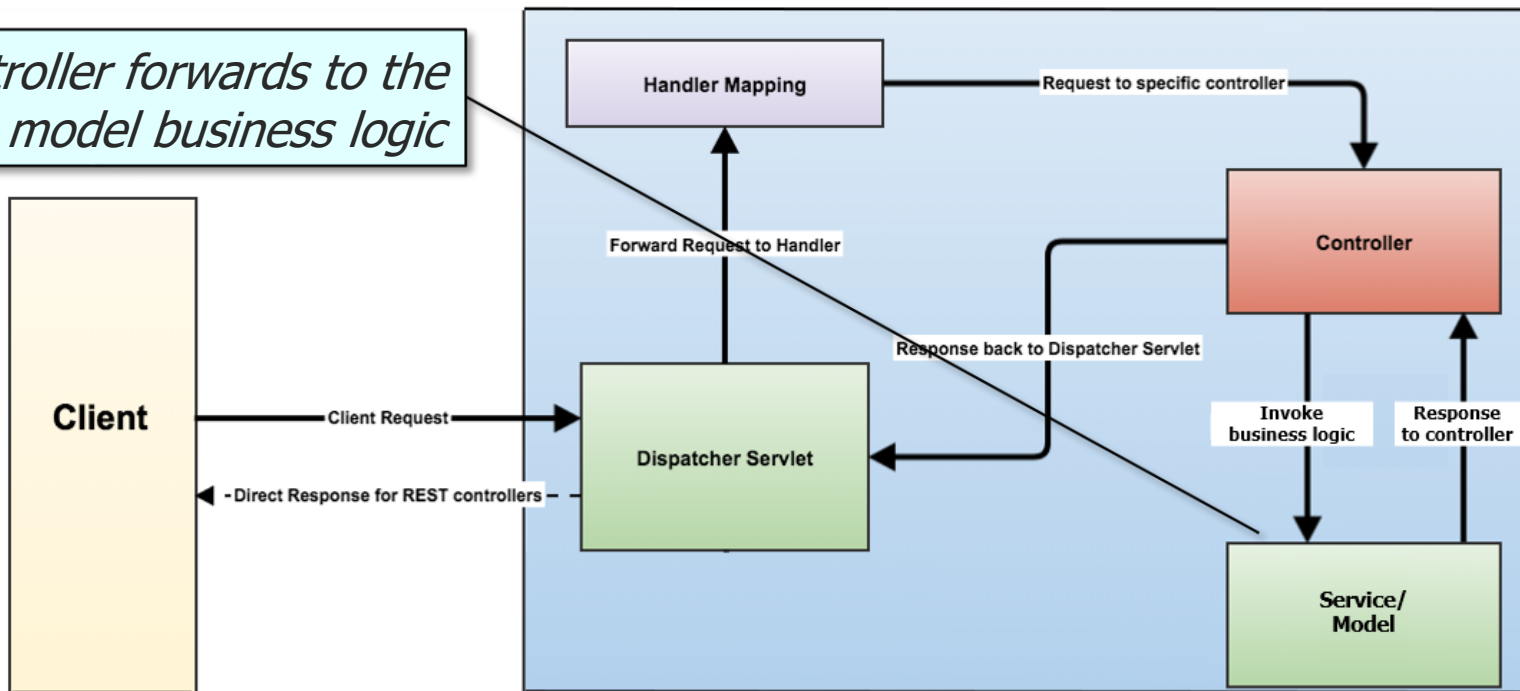- Internally Spring Boot leverages Servlets & associated HTTP request/response processing

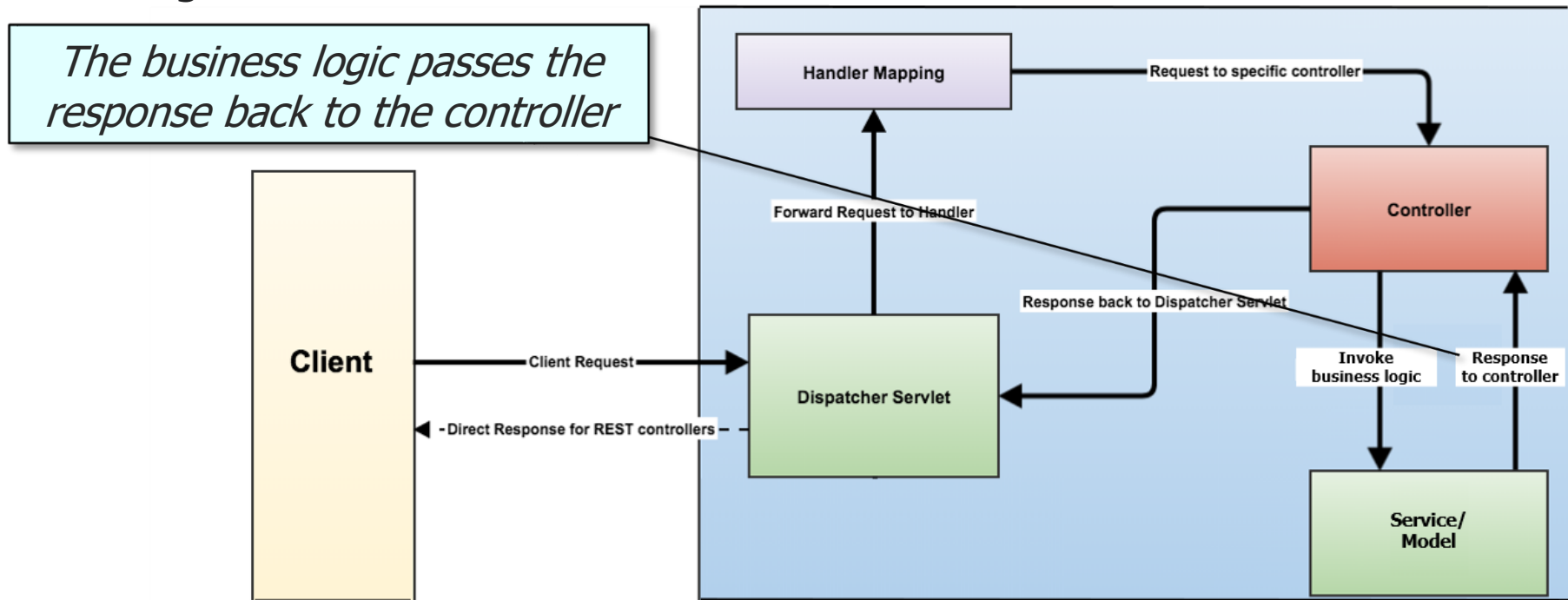*The REST controller forwards to the service and/or model business logic*

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> *The business logic passes the response back to the controller*

These interactions are just conventional Java method calls

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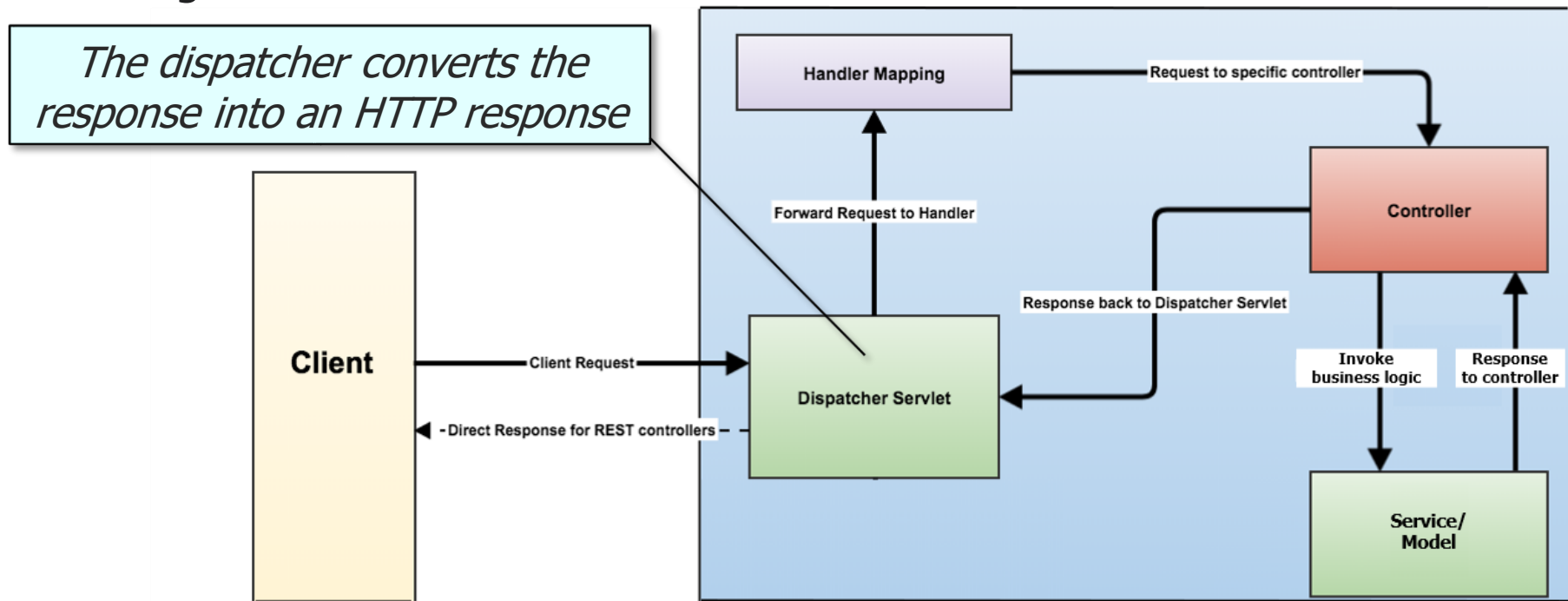- Internally Spring Boot leverages Servlets & associated HTTP request/response processing

The controller passes the response back to the dispatcher
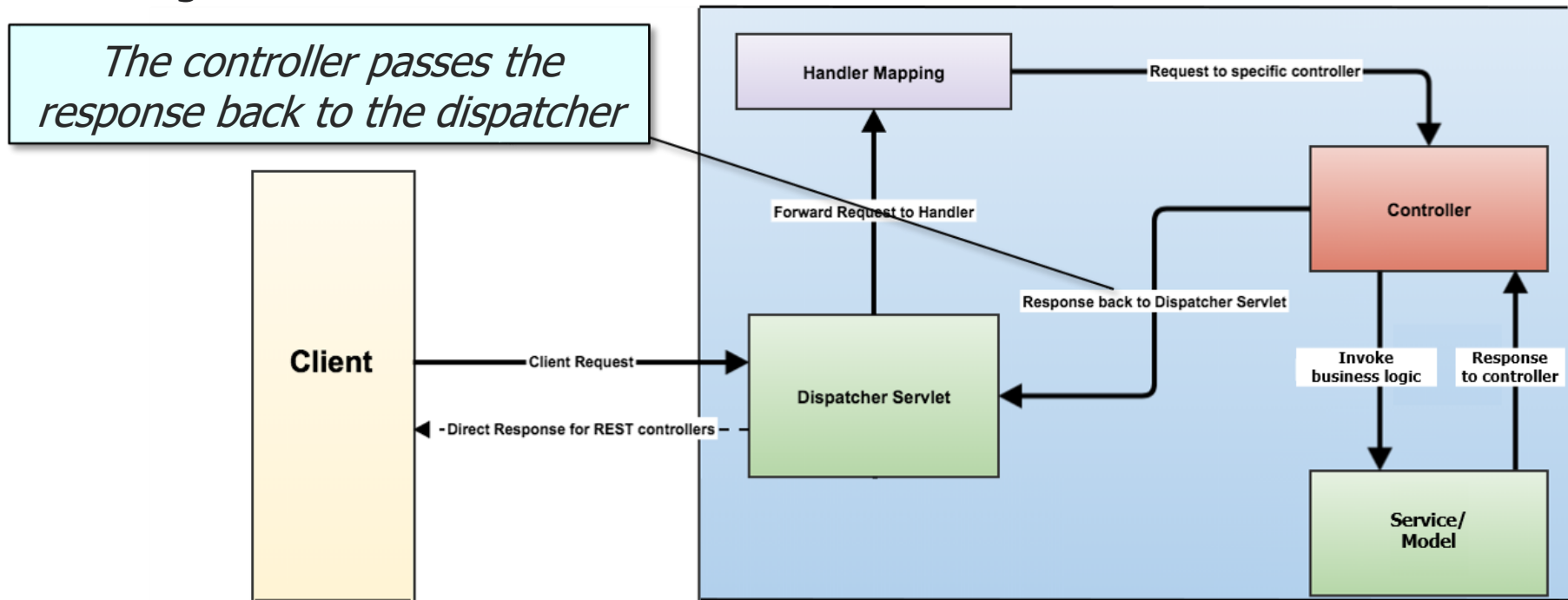
See docs.oracle.com/javaee/7/api/javax/servlet/http/HttpServletResponse.html
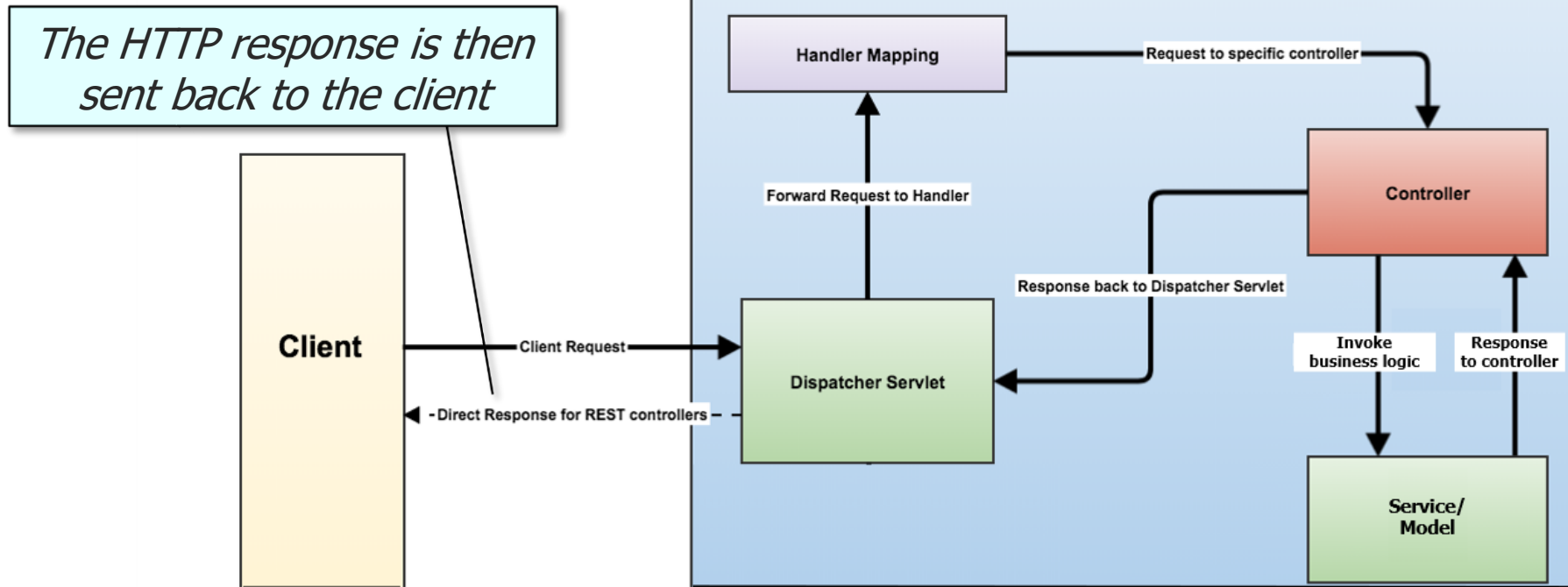
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The dispatcher converts the response into an HTTP response

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

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The HTTP response is then sent back to the client

The client typically provides the "view" in this model

End of Overview of Spring Boot's Internal Architecture