Overview of Spring Boot’s Internal Architecture

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Overview of Spring Boot’s Internal Architecture
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- Internally Spring Boot leverages Servlets & associated HTTP request/response processing

See www.javadevjournal.com/spring-mvc/spring-controllers
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Clients send HTTP requests (e.g., GET, POST, etc.)

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](http://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](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](http://www.tutorialspoint.com/spring_boot/spring_boot_service_components.htm)
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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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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

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The client typically provides the “view” in this model.
End of Overview of Spring Boot’s Internal Architecture