

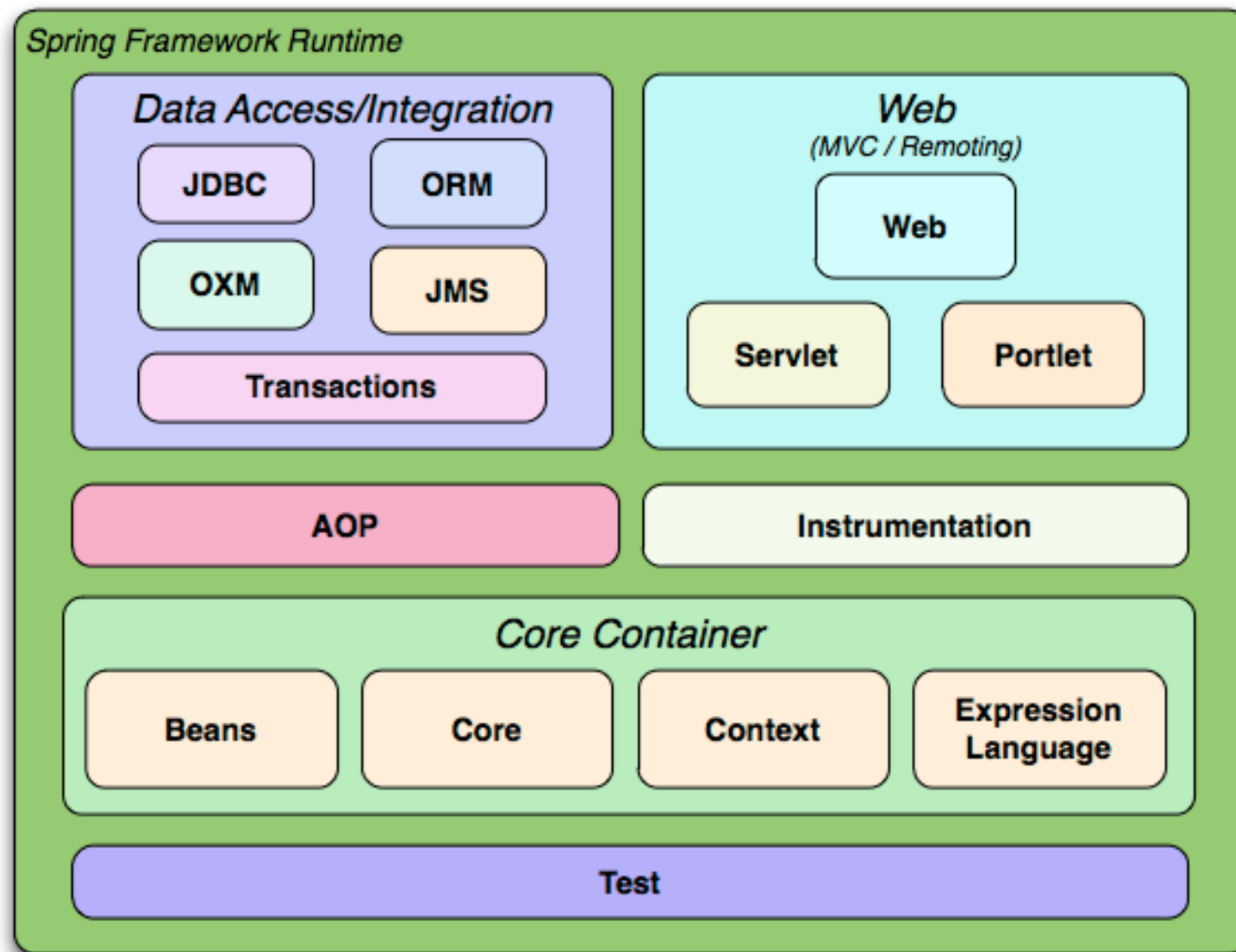
# Spring4Shell

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# What is Java Spring?

The Java Spring Framework (Spring Framework) is a popular, open-source, enterprise-level framework for creating standalone, production-grade applications that run on the Java Virtual Machine (JVM). It can be used to create Microservices, web apps, etc.



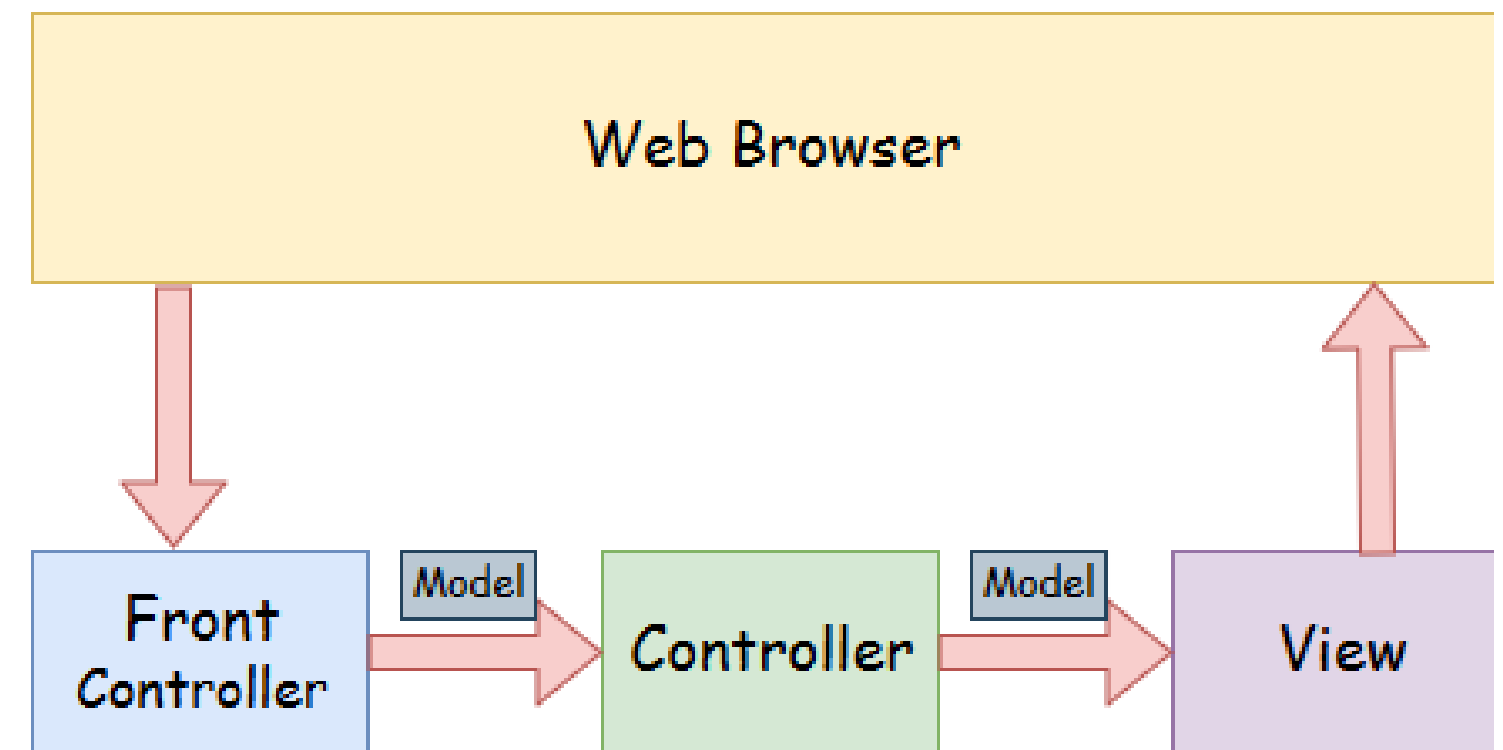


# What is Spring Core?

Simplifies parameter extraction requests on an Apache Tomcat server or Java server. In other words, Spring makes writing and testing code easier by allowing developers to map user requests to Java objects.

# What is Spring MVC?

Spring's Model-View-Controller design pattern provides a clean separation between domain model code and web forms and allows you to use all the other features of the Spring Framework.





# What is Spring4Shell ?

- Spring4Shell started as a Zero-day vulnerability
- Critical remote code execution vulnerability
- Reported on March 29, 2022
- Assigned CVE-2022-22965
- Bypass of CVE-2010-1622 patch

# What is Required?

- JDK 9 or higher
- Apache Tomcat
- Packaged as WAR (Web Application Resource)
- Java Application built with Spring MVC Framework

