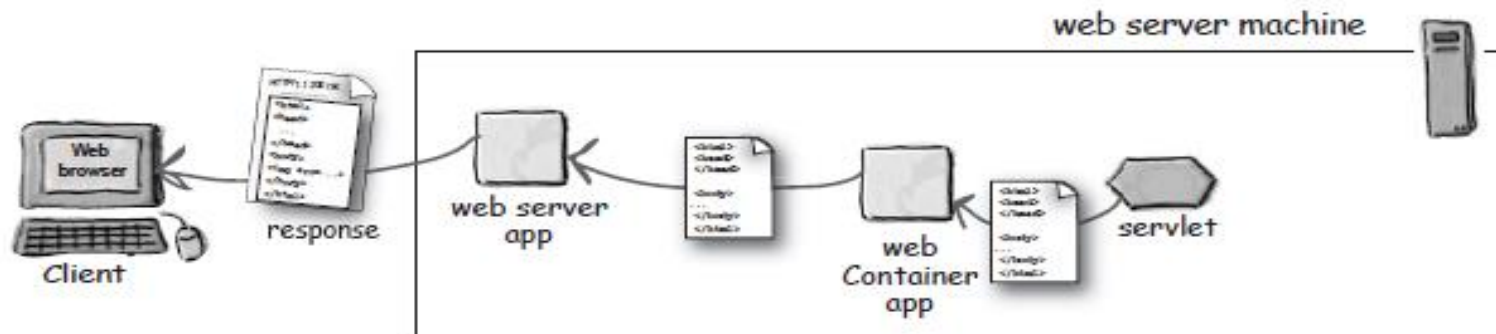
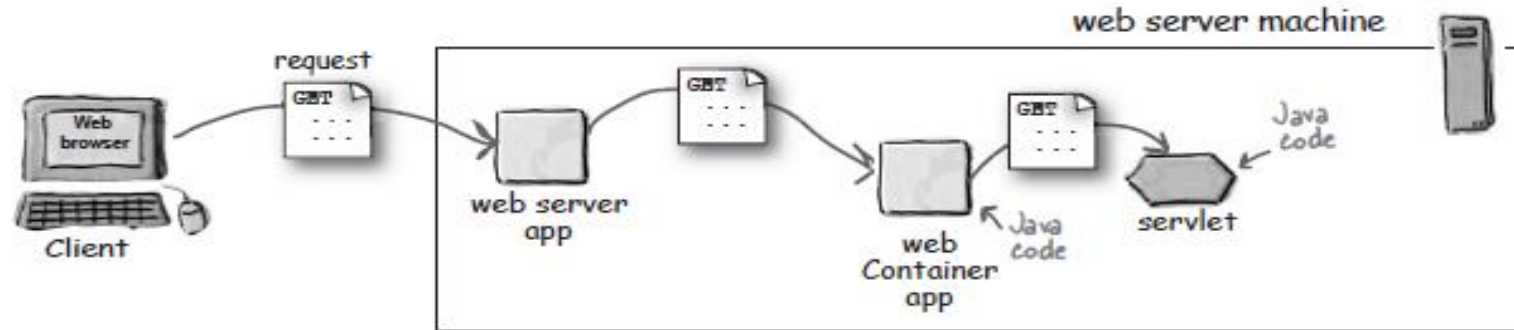


Веб програмирање

Аудиториска вежба 2

Дарко Сасански

Web App Architecture



What does the Container give you?



COMMUNICATIONS
SUPPORT



LIFECYCLE
MANAGEMENT



MULTITHREADING
SUPPORT

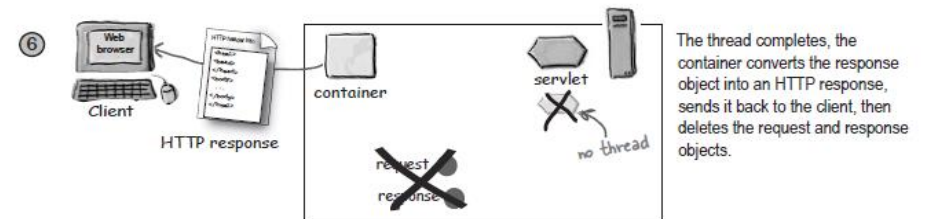
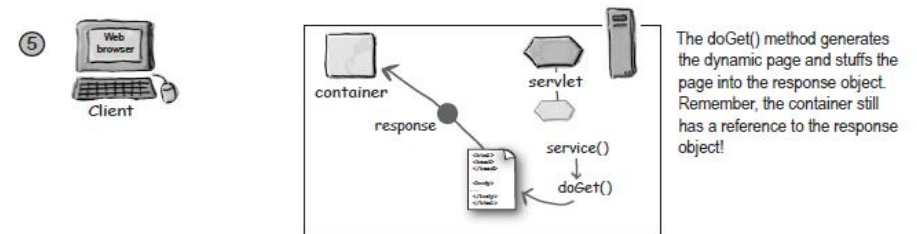
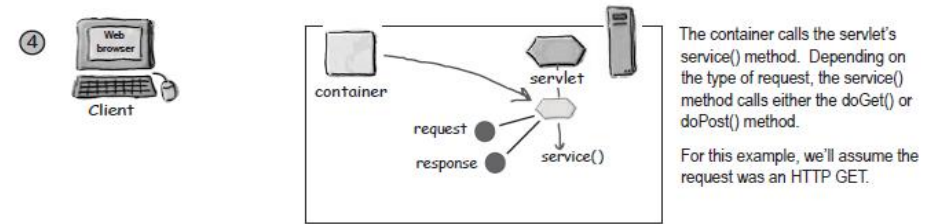
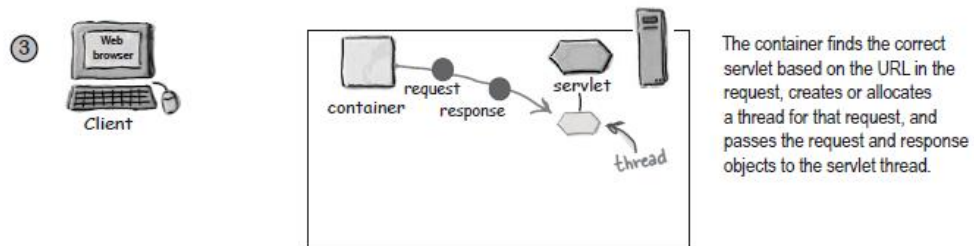
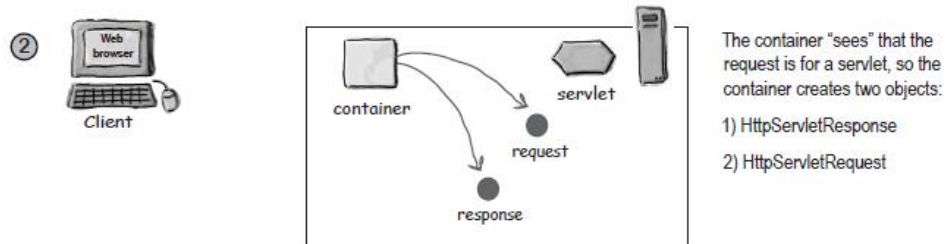


DECLARATIVE
SECURITY

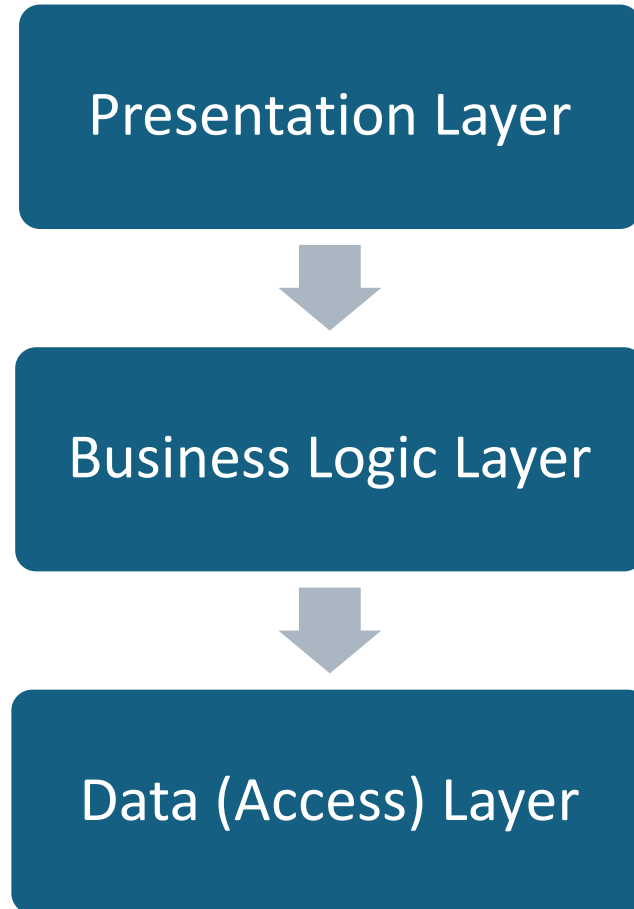


JSP/THYMELEAF
SUPPORT

How the container handles a request?

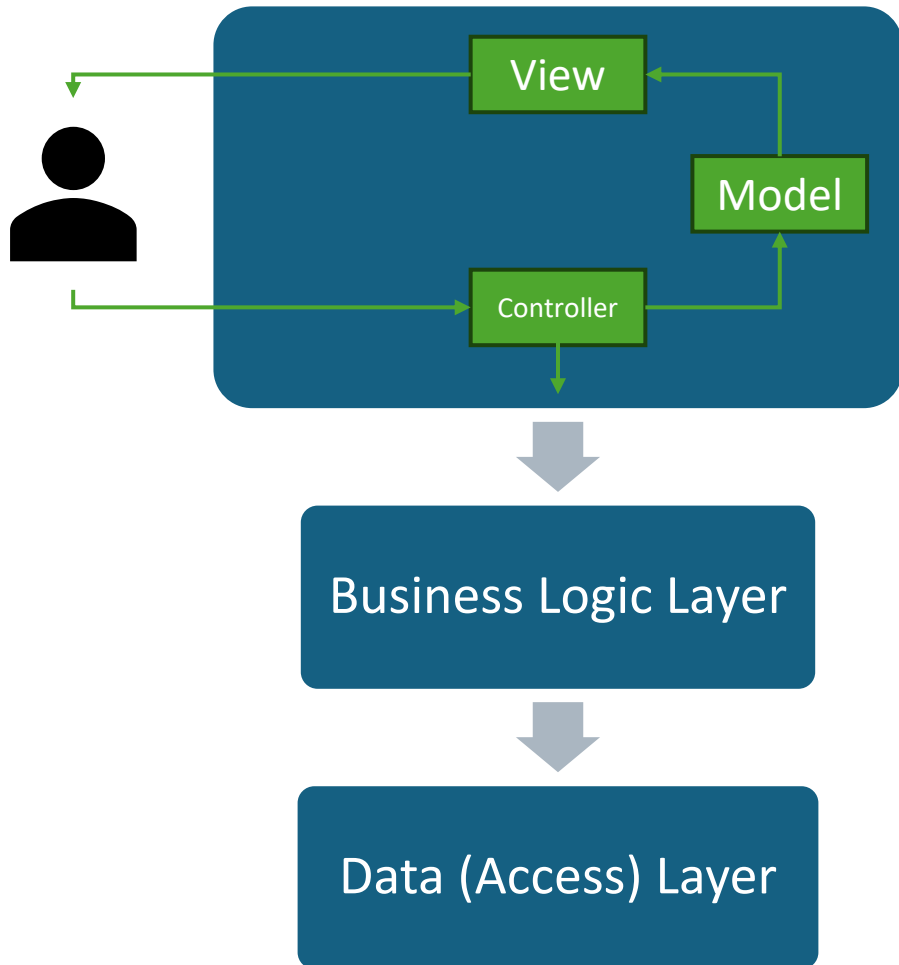


Spring Boot Architecture



- **Presentation layer:** This is the user interface of the application that presents the application's features and data to the user.
- **Business logic (or Application) layer:** This layer contains the business logic that drives the application's core functionalities. Like making decisions, calculations, evaluations, and processing the data passing between the other two layers.
- **Data access layer (or Data) layer:** This layer is responsible for interacting with databases to save and restore application data.

Three-tier architecture vs MVC pattern



- The **MVC pattern** is only concerned with organizing the logic in the user interface (presentation layer).
- **Three-tier architecture** has a broader concern. It's about organizing the code in the whole application.
- The controller component of MVC is the connection point between the Presentation Layer and the Business Logic Layer.
- When an **HTTP request** is being processed, it calls the business logic layer. Based on the returned response, it updates the model, and chooses the right view to display to the user.