

Spring Boot 3 - Spring MVC Introduction with Thymeleaf

Spring Boot - Spring MVC with Thymeleaf - Overview

- **What is Thymeleaf?**
 - **Java templating engine**
 - Commonly used to **generate** the **HTML views** for apps
 - Can use **Thymeleaf outside** of **web apps**
- **What is a Thymeleaf template?**
 - Can be an **HTML page** with some **Thymeleaf expressions**
 - Include **dynamic content** from **Thymeleaf expressions**
- **Where is the Thymeleaf template processed?**
 - In a **web app**, **Thymeleaf** is **processed** on the **server**
 - **Results** included in **HTML returned** to **browser**
- **Development Process**
 - Add **Thymeleaf** to the **Maven POM file**
 - Develop **Spring MVC Controller**
 - Create **Thymeleaf template**
- **Where to place the Thymeleaf template?**
 - In **Spring Boot** → **src/main/resources/templates**
 - For **web apps** → **Thymeleaf templates** have a **.html** extension
- **Advanced Features**
 - **Looping** and **conditionals**
 - **CSS** and **JavaScript** integration
 - **Template layouts** and **fragments**

Spring Boot - Spring MVC with Thymeleaf and CSS

- Using **CSS** with **Thymeleaf Templates**
 - **Local CSS files** as part of your project
 - Referencing **remote CSS files**
- **Development Process**

- Create **CSS file**
- Reference **CSS** in **Thymeleaf template**
- Apply **CSS style**
- **Spring Boot** will **search** the following **directories** for **static resources**
 - **Top-down** search
 - **src/main/resources**
 - **/META-INF/resources**
 - **/resources**
 - **/static**
 - **/public**