# Thymeleaf 와 JSP 동시에 사용하기

## application.properties

#spring.thymeleaf.prefix=resources/

spring.thymeleaf.cache**=**false

spring.thymeleaf.prefix**=**classpath:/templates/

spring.thymeleaf.suffix**=**.html

spring.thymeleaf.view-names**=**thymeleaf/\*

#

#spring.thymeleaf.template-resolver-order=0

spring.mvc.view.prefix**=**/WEB-INF/

spring.mvc.view.suffix**=**.jsp

**package** com.example.controller;

**import** org.springframework.stereotype.Controller;

**import** org.springframework.web.bind.annotation.GetMapping;

**import** org.springframework.web.bind.annotation.RequestMapping;

@Controller

@RequestMapping("/address")

**public** **class** HomeController {

@GetMapping(value = "/thymeleaf")

**public** String address() {

**return** "thymeleaf/address";

}

@GetMapping(value = "/jsp")

**public** String jsp() {

**return** "address";

}

}

@Controller

@RequestMapping("/address")

**public** **class** HomeController {

@GetMapping(value = "/thymeleaf")

**public** String address() {

**return** "thymeleaf/address";

}

@GetMapping(value = "/jsp")

**public** String jsp() {

**return** "address";

}

}

spring.thymeleaf.cache**=**false

spring.thymeleaf.prefix**=**classpath:/templates/

spring.thymeleaf.suffix**=**.html

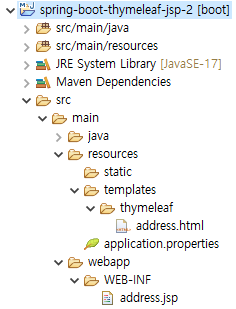
spring.thymeleaf.view-names**=**thymeleaf/\*

#

#spring.thymeleaf.template-resolver-order=0

spring.mvc.view.prefix**=**/WEB-INF/

spring.mvc.view.suffix**=**.jsp



## spring boot 2.x용 pom.xml

|  |
| --- |
| <?xml version="1.0" encoding="UTF-8"?>  <project  xmlns="http://maven.apache.org/POM/4.0.0"  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">  <modelVersion>4.0.0</modelVersion>  <parent>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-parent</artifactId>  <version>2.7.18</version><!-- 3.2.10 -->  <relativePath/> <!-- lookup parent from repository -->  </parent>  <groupId>com.example</groupId>  <artifactId>spring-boot-thymeleaf-jsp-2</artifactId>  <version>0.0.1-SNAPSHOT</version>  <name>spring-boot-thymeleaf-jsp-2</name>  <description>Demo project for Spring Boot</description>  <properties>  <java.version>17</java.version>  </properties>  <dependencies>  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-web</artifactId>  </dependency>  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-thymeleaf</artifactId>  </dependency>  <!-- JSP Support Dependency -->  <dependency>  <groupId>org.apache.tomcat.embed</groupId>  <artifactId>tomcat-embed-jasper</artifactId>  </dependency>  <!-- Spring Boot 2.x 에서 JSP를 사용하기 위한 라이브러리 추가 -->  <dependency>  <groupId>javax.servlet</groupId>  <artifactId>jstl</artifactId>  </dependency>  </dependencies>  <!--출처: https://offbyone.tistory.com/409 [쉬고 싶은 개발자:티스토리]-->  <build>  <plugins>  <plugin>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-maven-plugin</artifactId>  </plugin>  </plugins>  </build>  </project> |

## spring boot 3.x용 pom.xml

|  |
| --- |
| <?xml version="1.0" encoding="UTF-8"?>  <project  xmlns="http://maven.apache.org/POM/4.0.0"  xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"  xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 https://maven.apache.org/xsd/maven-4.0.0.xsd">  <modelVersion>4.0.0</modelVersion>  <parent>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-parent</artifactId>  <version>3.2.10</version><!-- 2.7.18, 3.2.10 -->  <relativePath/> <!-- lookup parent from repository -->  </parent>  <groupId>com.example</groupId>  <artifactId>spring-boot-thymeleaf-jsp-2</artifactId>  <version>0.0.1-SNAPSHOT</version>  <name>spring-boot-thymeleaf-jsp-2</name>  <description>Demo project for Spring Boot</description>  <properties>  <java.version>17</java.version>  </properties>  <dependencies>  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-web</artifactId>  </dependency>  <dependency>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-starter-thymeleaf</artifactId>  </dependency>  <!-- JSP Support Dependency -->  <dependency>  <groupId>org.apache.tomcat.embed</groupId>  <artifactId>tomcat-embed-jasper</artifactId>  </dependency>  <!--우선 Spring Boot 2.x 에서 JSP 를 사용하기 위해선 아래의 라이브러리 추가가 필요하다.-->  <!--  <dependency>  <groupId>javax.servlet</groupId>  <artifactId>jstl</artifactId>  </dependency>  -->  <!--출처: https://offbyone.tistory.com/409 [쉬고 싶은 개발자:티스토리]-->  <!--스프링부트 3.0이상이라면 위의 코드대신 아래 코드를 사용하여 의존성을 주입해줘야한다.-->  <dependency>  <groupId>jakarta.servlet</groupId>  <artifactId>jakarta.servlet-api</artifactId>  <!--<version>6.0.0</version>-->  <scope>provided</scope>  </dependency>  <dependency>  <groupId>jakarta.servlet.jsp.jstl</groupId>  <artifactId>jakarta.servlet.jsp.jstl-api</artifactId>  <!--<version>3.0.0</version>-->  </dependency>  <dependency>  <groupId>org.glassfish.web</groupId>  <artifactId>jakarta.servlet.jsp.jstl</artifactId>  <!--<version>3.0.1</version>-->  </dependency>  </dependencies>  <build>  <plugins>  <plugin>  <groupId>org.springframework.boot</groupId>  <artifactId>spring-boot-maven-plugin</artifactId>  </plugin>  </plugins>  </build>  </project> |

## src/main/webapp/WEB-INF/address.jsp

|  |
| --- |
|  |
| <%@ page language=*"java"* contentType=*"text/html; charset=EUC-KR"*  pageEncoding=*"EUC-KR"*%>  <!DOCTYPE html>  <html>  <head>  <meta charset=*"EUC-KR"*>  <title>address.jsp</title>  </head>  <body>  I'm a address.jsp.  </body>  </html> |

## src/main/resources/templates/thymeleaf/address.html

|  |
| --- |
| <!DOCTYPE html>  <html>  <head>  <meta charset="EUC-KR">  <title>I'm a address.html33</title>  </head>  <body>  I'm a address.html [333] /spring-boot-thymeleaf-jsp-2/src/main/resources/templates/thymeleaf/address.html  </body>  </html> |

## TEST

### http://localhost:8080/address/thymeleaf

|  |
| --- |
| I'm a address.html based on thymeleaf thymeleaf /spring-boot-thymeleaf-jsp-2/src/main/resources/templates/thymeleaf/address.html |

### http://localhost:8080/address/jsp

|  |
| --- |
| I'm a address2.jsp.  **jsp**  /spring-boot-thymeleaf-jsp-2/src/main/webapp/WEB-INF/address.jsp |

### http://localhost:8080/root.jsp

## 참고 URL

### SpringBoot-스프링부트에서-Thymeleaf-와-JSP-같이-쓰기

https://squirmm.tistory.com/entry/SpringBoot-스프링부트에서-Thymeleaf-와-JSP-같이-쓰기

### Spring Boot 웹 애플리케이션에서 jsp와 Thymeleaf 두 가지 같이 사용하기

https://offbyone.tistory.com/409



### Thymeleaf 와 JSP 동시에 사용하기

https://hotsse.github.io/articles/2022-02/Spring-Thymeleaf-와-JSP-동시에-사용하기