**Spring Boot - GetPost from SpringBoot App**

**Error 1 – Server Port – Unknown property**

# Server port

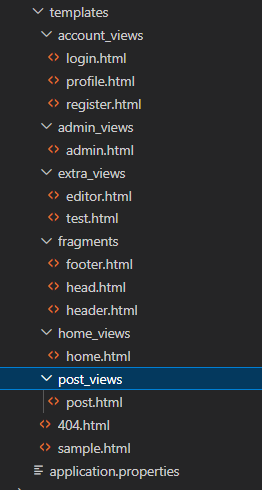
Server.port=8080

**Change to**

# Server port

server.port=8080

**folder structure (views) – change the folder structure and also in other places like in controller**

****

**PostController.java**

package org.studyeasy.SpringBlog.controller;

import java.util.Optional;

import org.springframework.beans.factory.annotation.Autowired;

import org.springframework.stereotype.Controller;

import org.springframework.ui.Model;

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

import org.springframework.web.bind.annotation.PathVariable;

import org.studyeasy.SpringBlog.models.Post;

import org.studyeasy.SpringBlog.services.PostService;

@Controller

public class PostController {

    @Autowired

    private PostService postService;

    @GetMapping("/posts/{id}")

    public String getPost(@PathVariable Long id, Model model){

        Optional<Post> optionalPost = postService.getById(id);

        if(optionalPost.isPresent()){

            Post post = optionalPost.get();

            model.addAttribute("post", post);

            return "post\_views/post";

        }else{

            return "404";

        }

    }

}

**404.html -> Page not found**

<!DOCTYPE html>

<html lang="en" xmlns:th="http://www.thymeleaf.org">

  <head th:replace="/fragments/head :: head">

<body class="sub\_page">

  <div class="hero\_area">

    <div class="bg-box">

      <img src="images/nav-bg.jpg" alt="">

    </div>

    <header th:replace="/fragments/header :: header">

  </div>

  <!-- about section -->

  <section class="about\_section layout\_padding">

    <div class="container  ">

        <h3>Page not found</h3>

    </div>

  </section>

  <footer th:replace="/fragments/footer :: footer">

</body>

</html>

**This code has few warnings like below in pom.xml**

Newer patch version of Spring Boot available: 2.7.18(BOOT\_VERSION\_VALIDATION\_CODE)

OSS support for Spring Boot 2.7.x ended on 2023-11-24, get commercial support until 2025-08-24 via Tanzu Spring Runtime at https://spring.io/support(BOOT\_VERSION\_VALIDATION\_CODE)

**Other things are similar only just the version changing code.**

**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>2.7.5</version>

        <relativePath /> <!-- lookup parent from repository -->

    </parent>

    <groupId>org.studyeasy</groupId>

    <artifactId>SpringStarter</artifactId>

    <version>0.0.1-SNAPSHOT</version>

    <name>SpringStarter</name>

    <description>Spring Starter project</description>

    <properties>

        <java.version>17</java.version>

    </properties>

    <dependencies>

        <dependency>

            <groupId>org.springframework.boot</groupId>

            <artifactId>spring-boot-starter-data-jpa</artifactId>

        </dependency>

        <dependency>

            <groupId>org.springframework.boot</groupId>

            <artifactId>spring-boot-starter-thymeleaf</artifactId>

        </dependency>

        <dependency>

            <groupId>org.springframework.boot</groupId>

            <artifactId>spring-boot-starter-web</artifactId>

        </dependency>

        <dependency>

            <groupId>org.springframework.boot</groupId>

            <artifactId>spring-boot-devtools</artifactId>

            <scope>runtime</scope>

            <optional>true</optional>

        </dependency>

        <dependency>

            <groupId>com.h2database</groupId>

            <artifactId>h2</artifactId>

            <scope>runtime</scope>

        </dependency>

        <dependency>

            <groupId>org.projectlombok</groupId>

            <artifactId>lombok</artifactId>

            <optional>true</optional>

        </dependency>

        <dependency>

            <groupId>org.springframework.boot</groupId>

            <artifactId>spring-boot-starter-test</artifactId>

            <scope>test</scope>

        </dependency>

        <dependency>

            <groupId>org.springframework.boot</groupId>

            <artifactId>spring-boot-starter-security</artifactId>

        </dependency>

        <dependency>

            <groupId>org.thymeleaf.extras</groupId>

            <artifactId>thymeleaf-extras-springsecurity5</artifactId>

        </dependency>

    </dependencies>

    <build>

        <plugins>

            <plugin>

                <groupId>org.springframework.boot</groupId>

                <artifactId>spring-boot-maven-plugin</artifactId>

                <configuration>

                    <excludes>

                        <exclude>

                            <groupId>org.projectlombok</groupId>

                            <artifactId>lombok</artifactId>

                        </exclude>

                    </excludes>

                </configuration>

            </plugin>

        </plugins>

    </build>

</project>