JESUÏTES educació

DAWM07UF2

GENERACIÓ DINÀMICA DE PAGINES WEB

UF2.4.3 SPRING MVC

CFGS Desenvolupament d'Aplicacions Web

M07. Desenvolupament web en entorn servidor

Fundació Jesuïtes Educació - Escola del Clot

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OBJECTIUS

- Aprendre el funcionament d'Spring MVC
- Aprendre el funcionament del motor de plantilles Thymeleaf

SPRING MVC VS WEBFLUX

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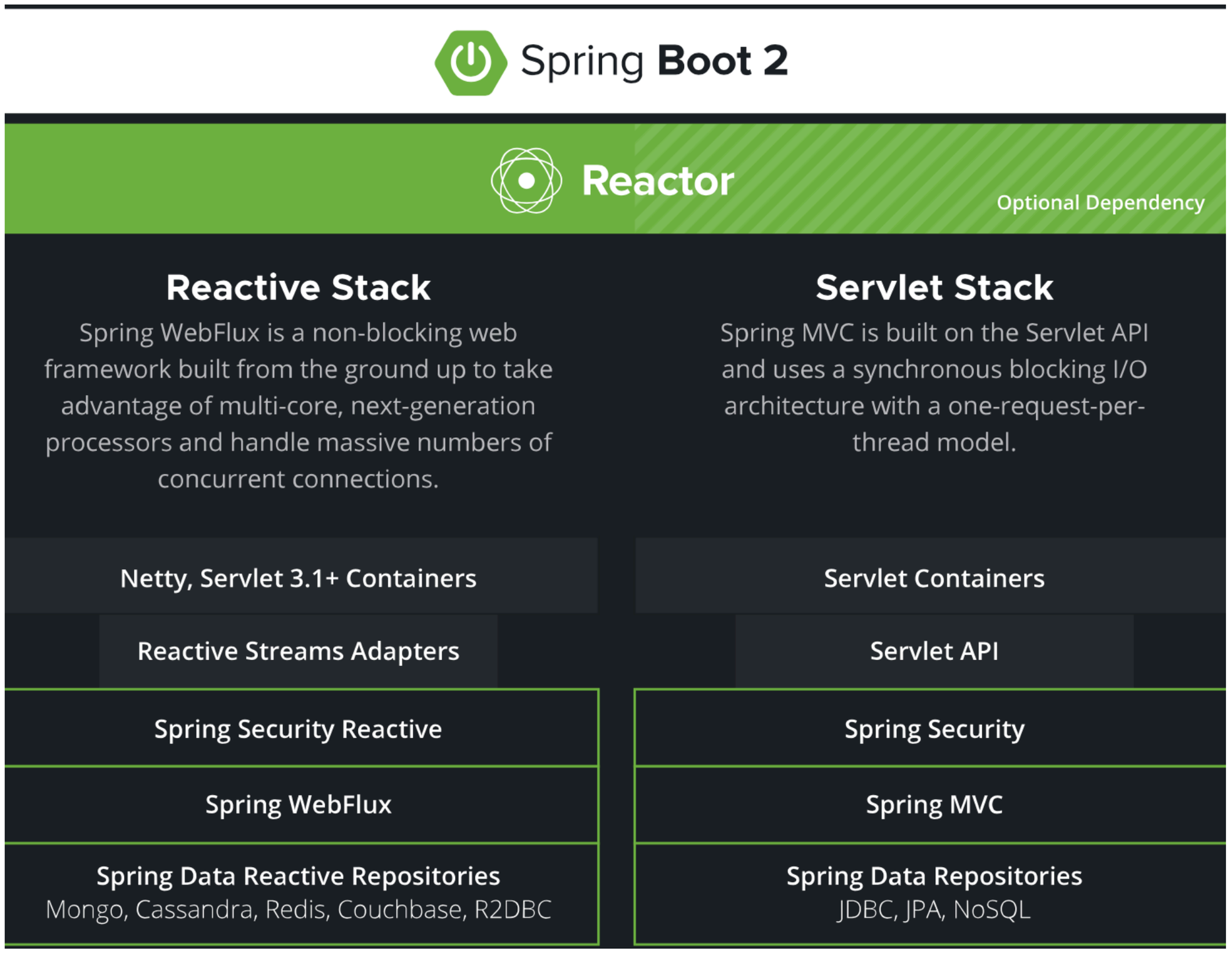

CREAR UNA APLICACIÓ

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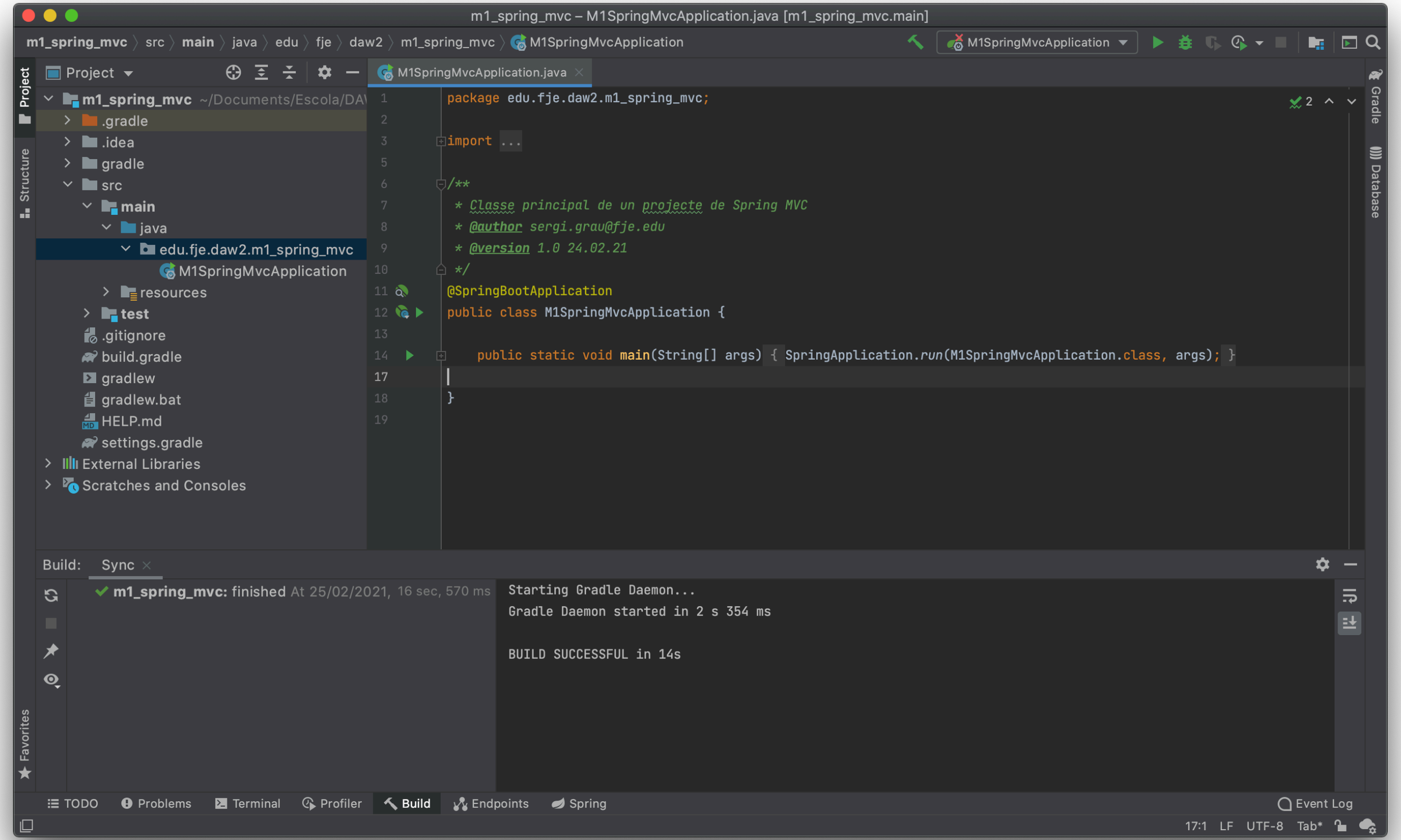

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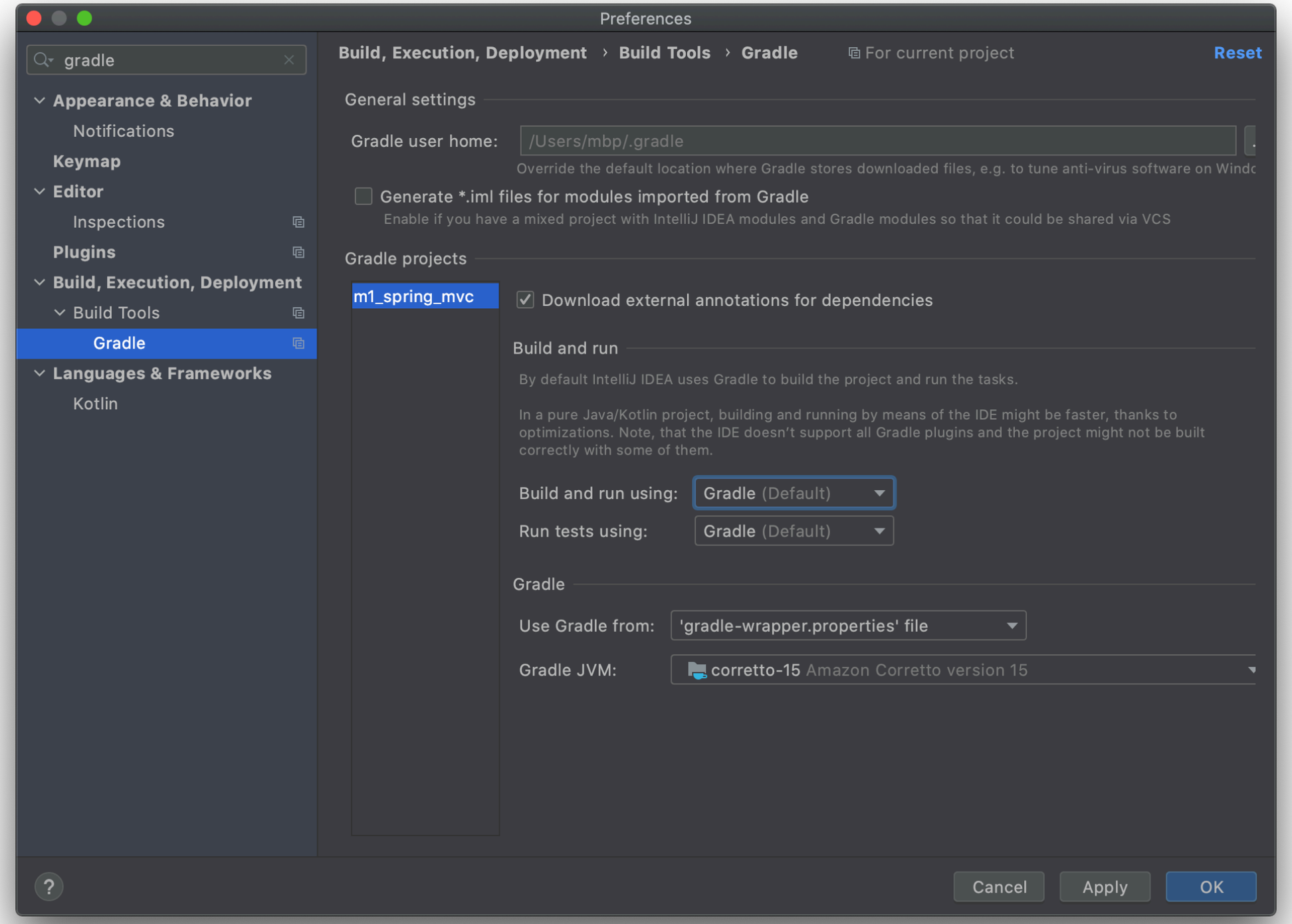

Whitelabel Error Page

This application has no explicit mapping for /error, so you are seeing this as a fallback.

Thu Feb 25 11:16:09 CET 2021
There was an unexpected error (type=Not Found, status=404).
No message available

AFEGIR UN CONTROLADOR


```java
/**
 * Controlador principal del projecte
 *
 * @author sergi.grau@fje.edu
 * @version 1.0 24.02.21
 */
@Controller
public class IndexController {
    @GetMapping("/salutacio")
    public String salutar(
            @RequestParam(defaultValue = "sergi", required = false) String nom,
            Model model) {
        model.addAttribute("usuari", nom);
        return "salutacio";
    }
}
```

AFEGIR UNA VISTA

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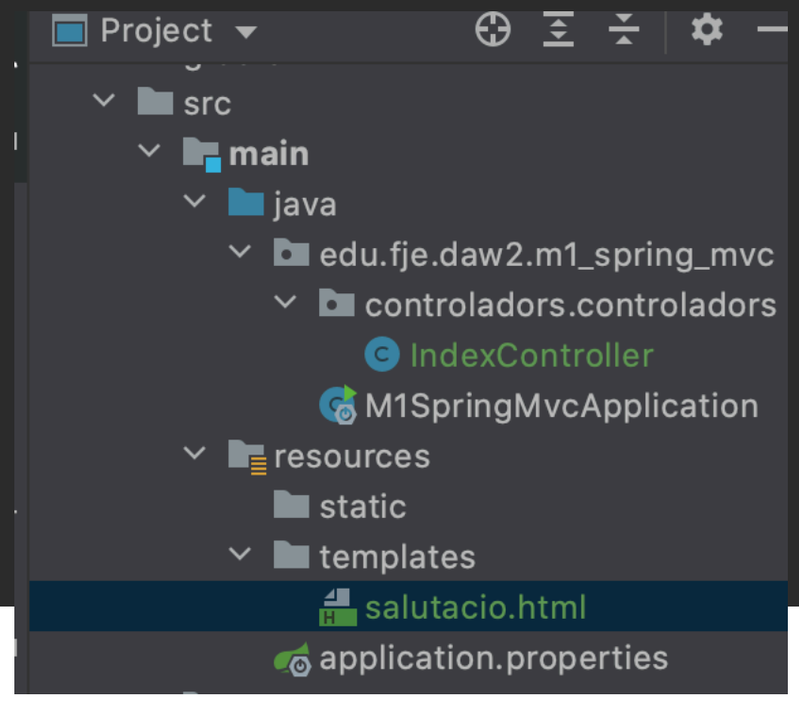
```
<!DOCTYPE html>
<html lang="ca" xmlns:th="http://www.thymeleaf.org">
<head>
    <meta charset="UTF-8">
    <title>DAW2 Spring</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/
css/bootstrap.min.css" rel="stylesheet"
          integrity="sha384-BmbxuPwQa2lc/
FVzBcNJ7UAyJxM6wuqIj61tLrc4wSX0szH/Ev+nYRRuWlolflfl"
crossorigin="anonymous">
</head>
<body>
<h1>Spring Boot / Spring Framework</h1>
<h2 th:text="'benvingut '+${usuari}"></h2>
</body>
</html>
```



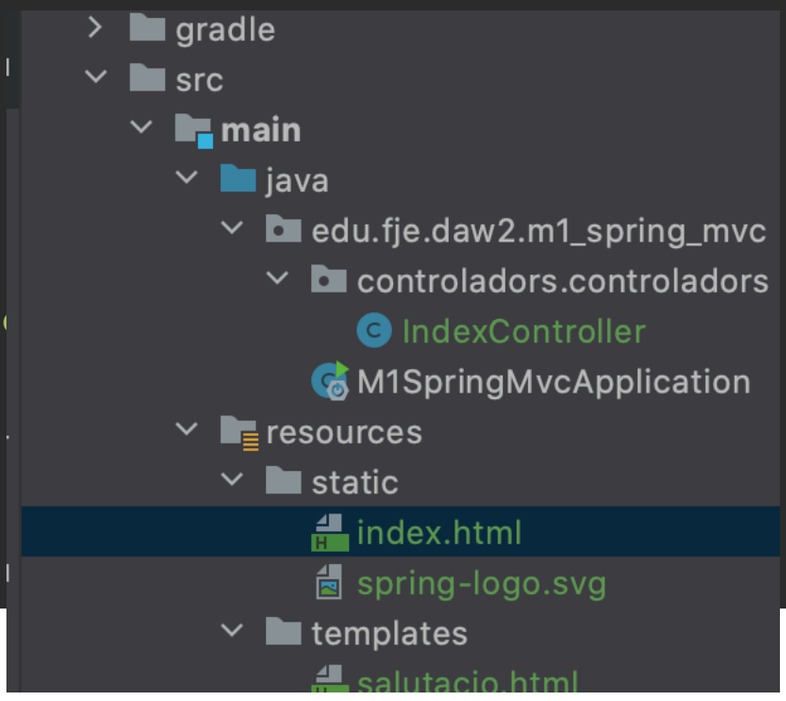
AFEGIR UN FORMULARI


```
<!DOCTYPE html>
<html lang="ca">
<head>
    <meta charset="UTF-8">
    <title>DAW2</title>
    <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/
bootstrap.min.css" rel="stylesheet"
          integrity="sha384-BmbxuPwQa2lc/FVzBcNJ7UAyJxM6wuqIj61tLrc4wSX0szH/
Ev+nYRRuWlolflfl" crossorigin="anonymous">
</head>
<body>

<div class="container">

    <img src="spring-logo.svg" alt="Spring">
    <form action="/salutacio" method="get">
        <div class="mb-3">
            <label for="nom" class="form-label">Nom</label>
            <input type="text" class="form-control" id="nom"
el nom">
        </div>
        <input class="btn btn-primary" type="submit" value="
    </form>
</div>

</body>
</html>
```



Spring Boot / Spring Framework

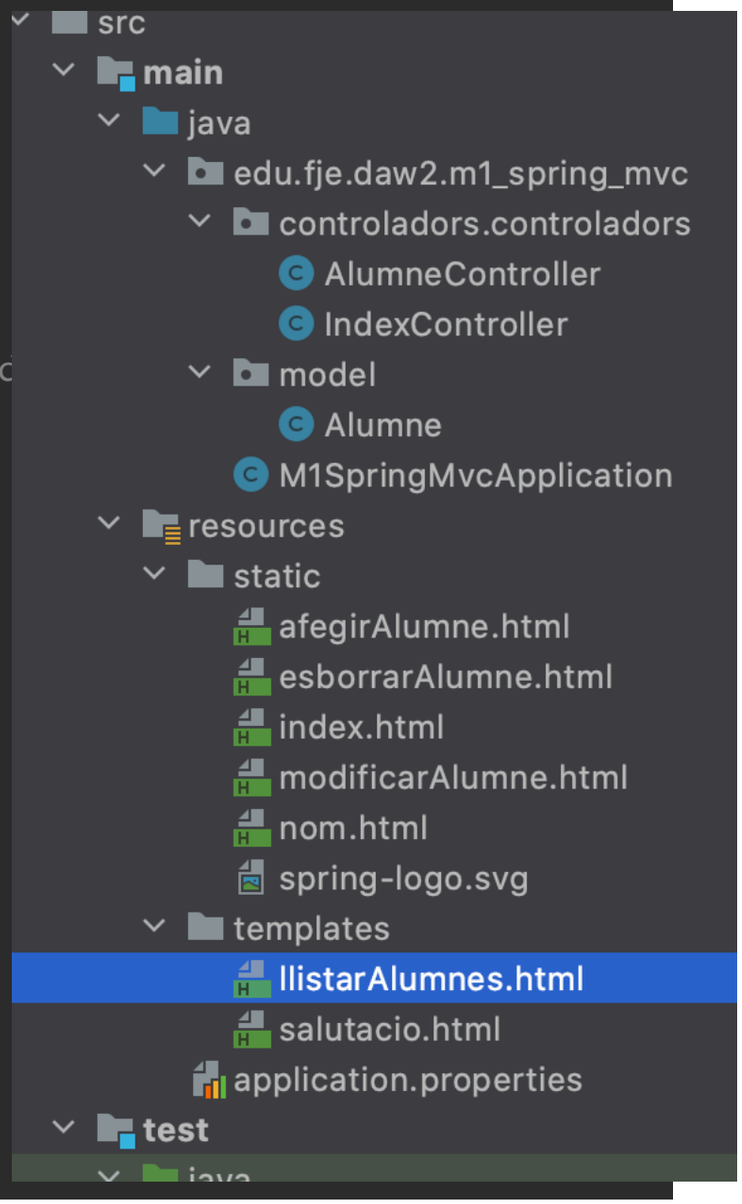
benvingut SERGI

+ https://www.thymeleaf.org/doc/tutorials/3.0/thymeleafspring.html

```
<ul class="list-group">
    <li class="list-group-item"  th:each="alumne, dades: ${alumnes}" >

        <span th:text="${dades.index}" />
        <!--@thymesVar id="alumne" type="edu.fje.daw2.m1_spring_mvc.mod
        <!--/*@thymesVar id="nom" type="String"*/-->
        <!--/*@thymesVar id="nom" type="int"*/-->
        <span th:text="${alumne.nom}" />
        <span th:text="${alumne.nota}" />
    </li>

</ul>
```



BIBLIOGRAFIA

+ https://docs.spring.io/spring-framework/docs/current/reference/html/web.html#spring-web