



JESUÏTES  
educació

DAWM07UF2

GENERACIÓ DINÀMICA DE PÀGINES 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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- + Aprendre el funcionament d'Spring MVC
- + Aprendre el funcionament del motor de plantilles Thymeleaf

## Spring **Boot 2**



### Reactor

Optional Dependency

#### Reactive Stack

Spring WebFlux is a non-blocking web framework built from the ground up to take advantage of multi-core, next-generation processors and handle massive numbers of concurrent connections.

Netty, Servlet 3.1+ Containers

Reactive Streams Adapters

Spring Security Reactive

Spring WebFlux

Spring Data Reactive Repositories

Mongo, Cassandra, Redis, Couchbase, R2DBC

#### Servlet Stack

Spring MVC is built on the Servlet API and uses a synchronous blocking I/O architecture with a one-request-per-thread model.

Servlet Containers

Servlet API

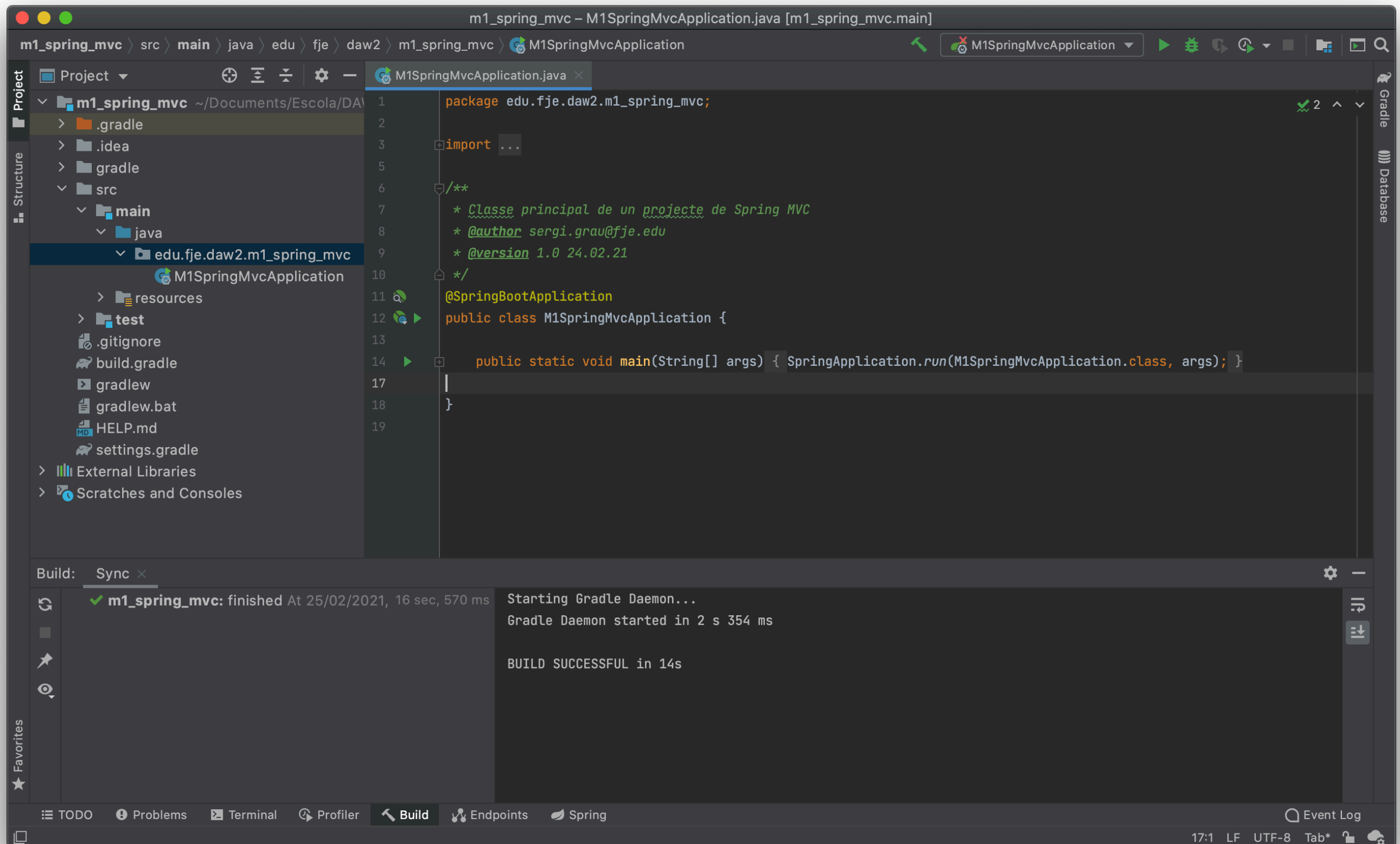
Spring Security

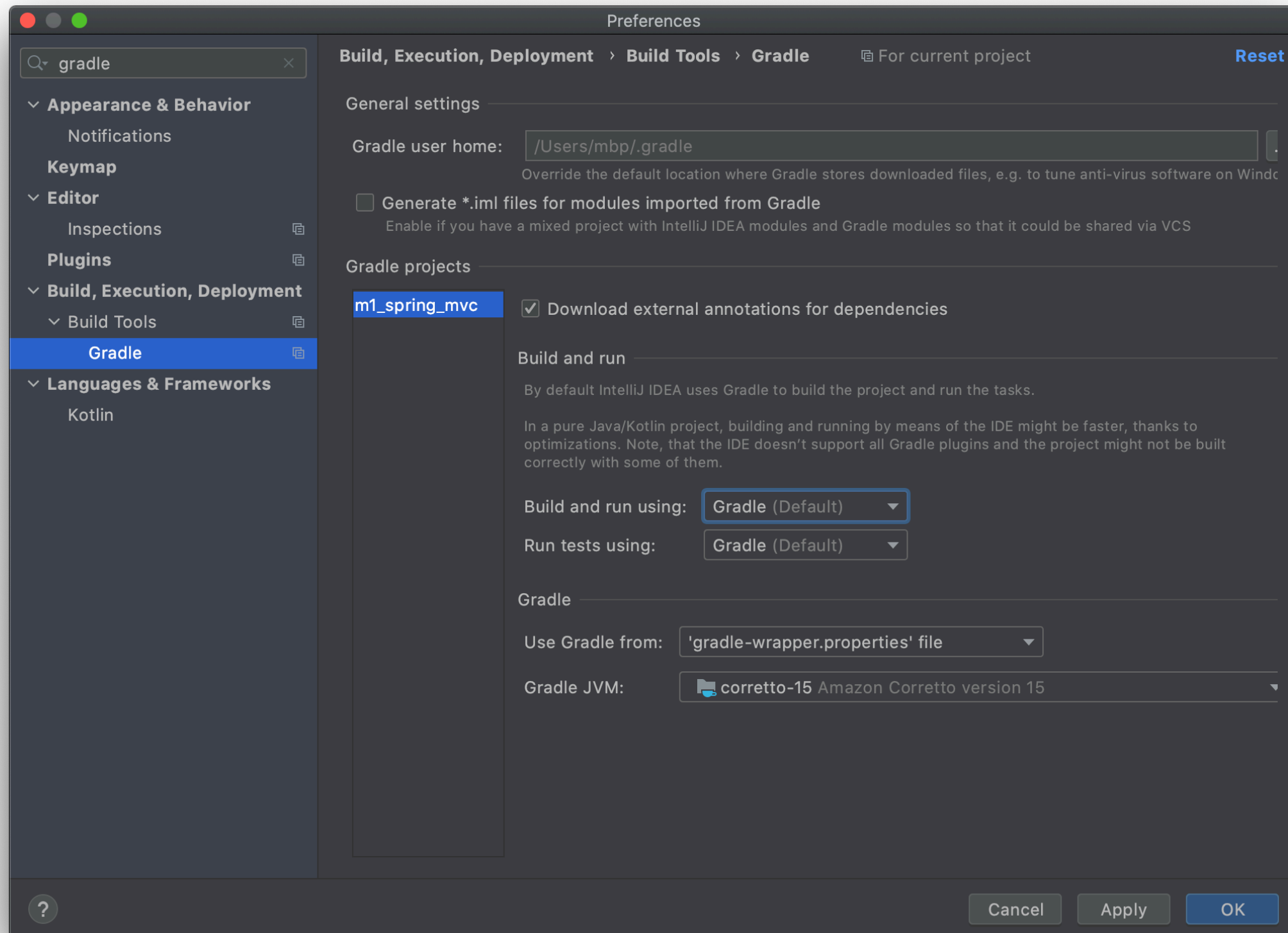
Spring MVC

Spring Data Repositories

JDBC, JPA, NoSQL

# CREAR UNA APLICACIÓ







## Whitelabel Error Page

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

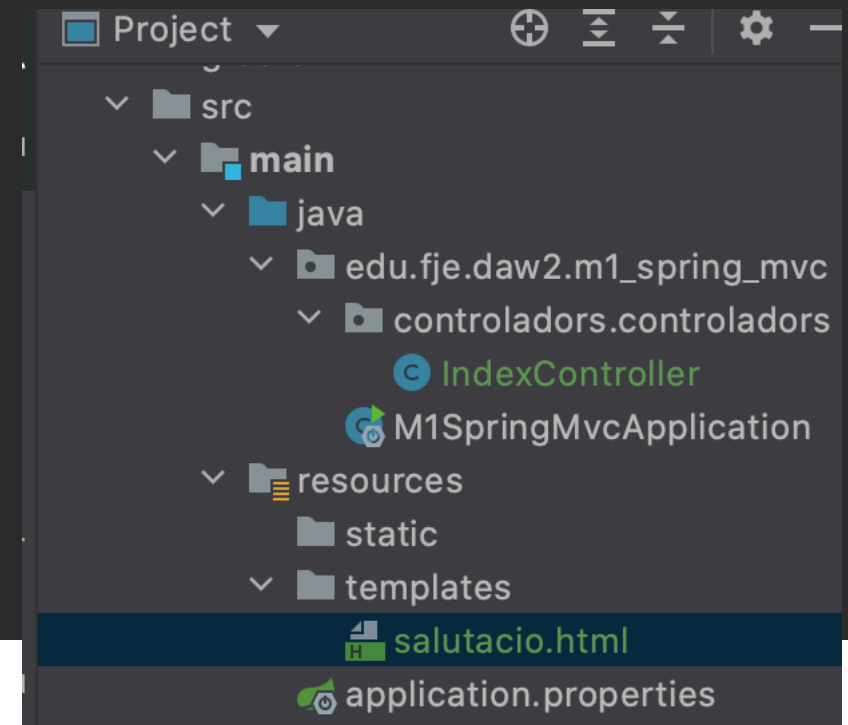
Thu Feb 25 11:16:09 CET 2021

There was an unexpected error (type=Not Found, status=404).

No message available

```
/**
 * 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";
    }
}
```

```
<!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+nYRRuWlo1flfl"
crossorigin="anonymous">
</head>
<body>
<h1>Spring Boot / Spring Framework</h1>
<h2 th:text="'benvingut '+${usuari}"></h2>
</body>
</html>
```



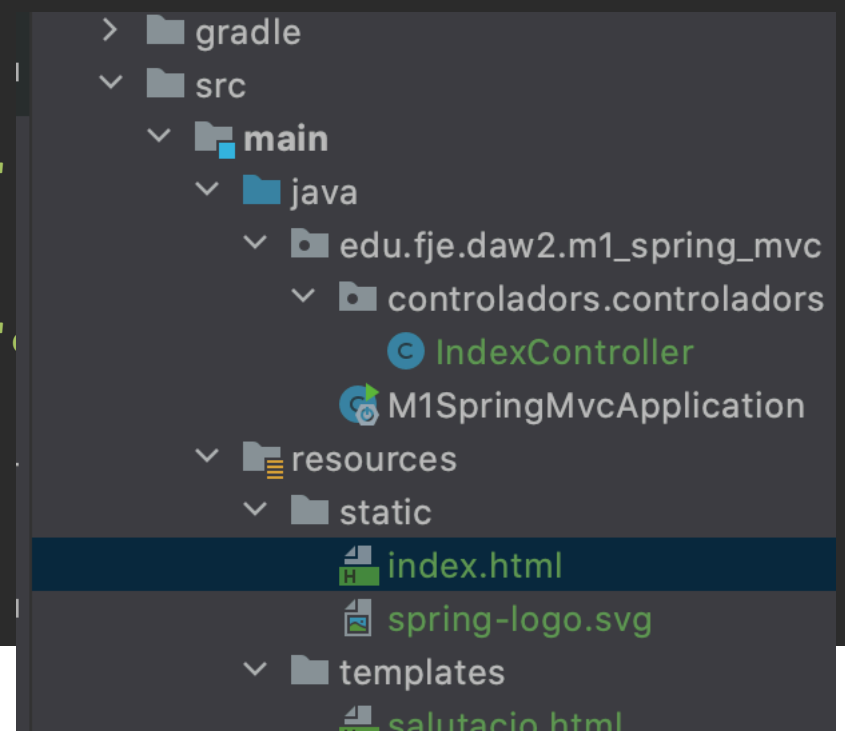


```
<!DOCTYPE html>
<html lang="ca">
<head>
  <meta charset="UTF-8">
  <title>DAW2</title>
  <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.0.0-beta2/dist/css/
bootstrap.min.css" rel="stylesheet"
      integrity="sha384-BmbxuPwQa2lc/FVzBcNJ7UAyJxM6wuqIj61tLrc4wSX0szH/
Ev+nYRRuWlolflfl" crossorigin="anonymous">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

<div class="container">

  
  <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>
```





Nom

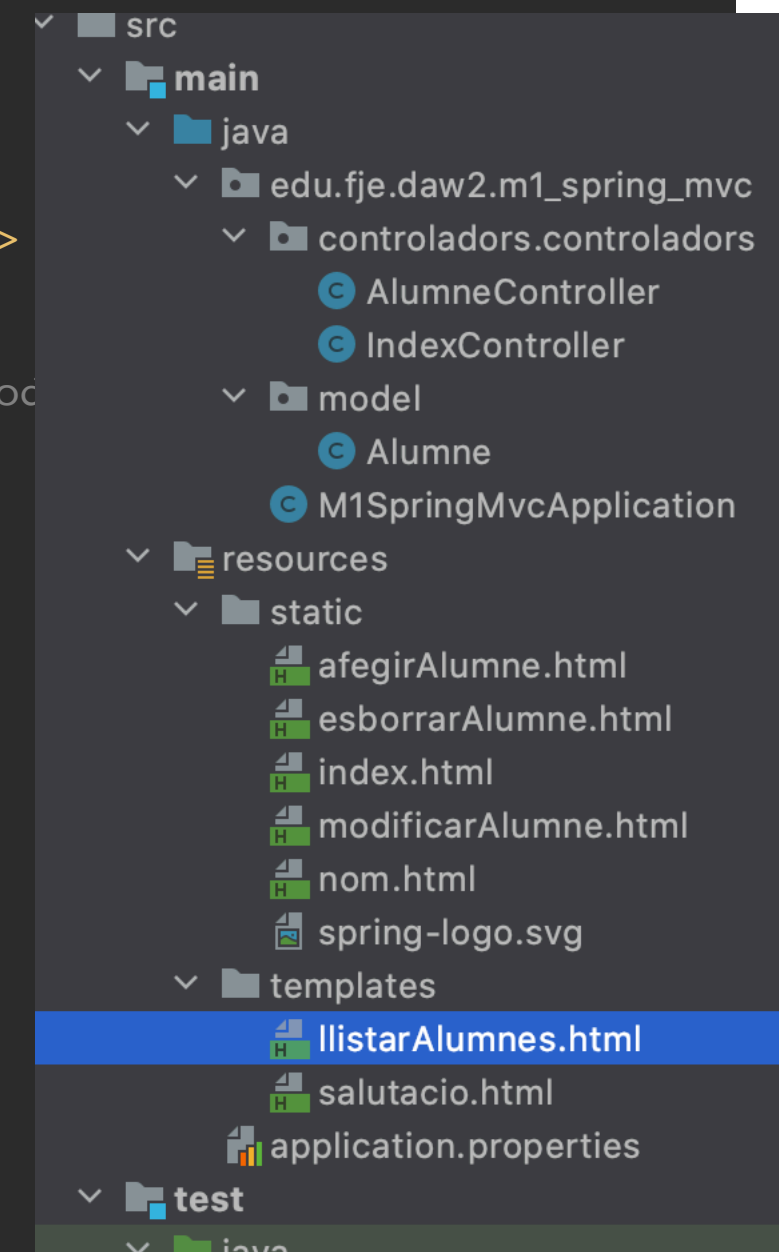
[envia](#)

**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>
```



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

