



JESUÏTES  
educació

DAWM07UF2

GENERACIÓ DINÀMICA DE PÀGINES WEB

# UF2.4.2 CONFIGURACIÓ DE PROJECTES SPRING

CFGs Desenvolupament d'Aplicacions Web

**M07. Desenvolupament web en entorn servidor**

Fundació Jesuïtes Educació - Escola del Clot


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- + Configurar un projecte Spring Boot amb IntelliJ IDEA
- + Instal·lar els components més habituals
- + Desplegar una primera solució amb Spring MVC i JSP a les vistes

- + Podem utilitzar Spring amb la majoria d'IDEs.
- + caldrà indicar si volem utilitzar MAVEN o GRADLE
- + Podeu utilitzar la darrera versió de JDK sense problemes.
- + Les darreres versions dels components es poden consultar a <https://mvnrepository.com/artifact/org.apache.tomcat.embed/tomcat-embed-jasper>



 **spring**initializr

**Project**

☐ Maven Project

☒ Gradle Project

**Language**

☒ Java

☐ Kotlin

☐ Groovy

**Spring Boot**

☐ 2.5.0 (SNAPSHOT)

☐ 2.5.0 (M2)

☐ 2.4.4 (SNAPSHOT)

☒ 2.4.3

☐ 2.3.10 (SNAPSHOT)

☐ 2.3.9

**Project Metadata**

Group

edu.fje.daw2

Artifact

m1\_spring\_mvc

Springfield

laringospasme

siringomièlia

espelleringar

×

Name

m1\_spring\_mvc

Description

m1\_spring\_mvc

**Dependencies**

ADD DEPENDENCIES... ⌘ + B

**Spring Boot DevTools** DEVELOPER TOOLS

Provides fast application restarts, LiveReload, and configurations for enhanced development experience.

**Spring Web** WEB

Build web, including RESTful, applications using Spring MVC. Uses Apache Tomcat as the default embedded container.

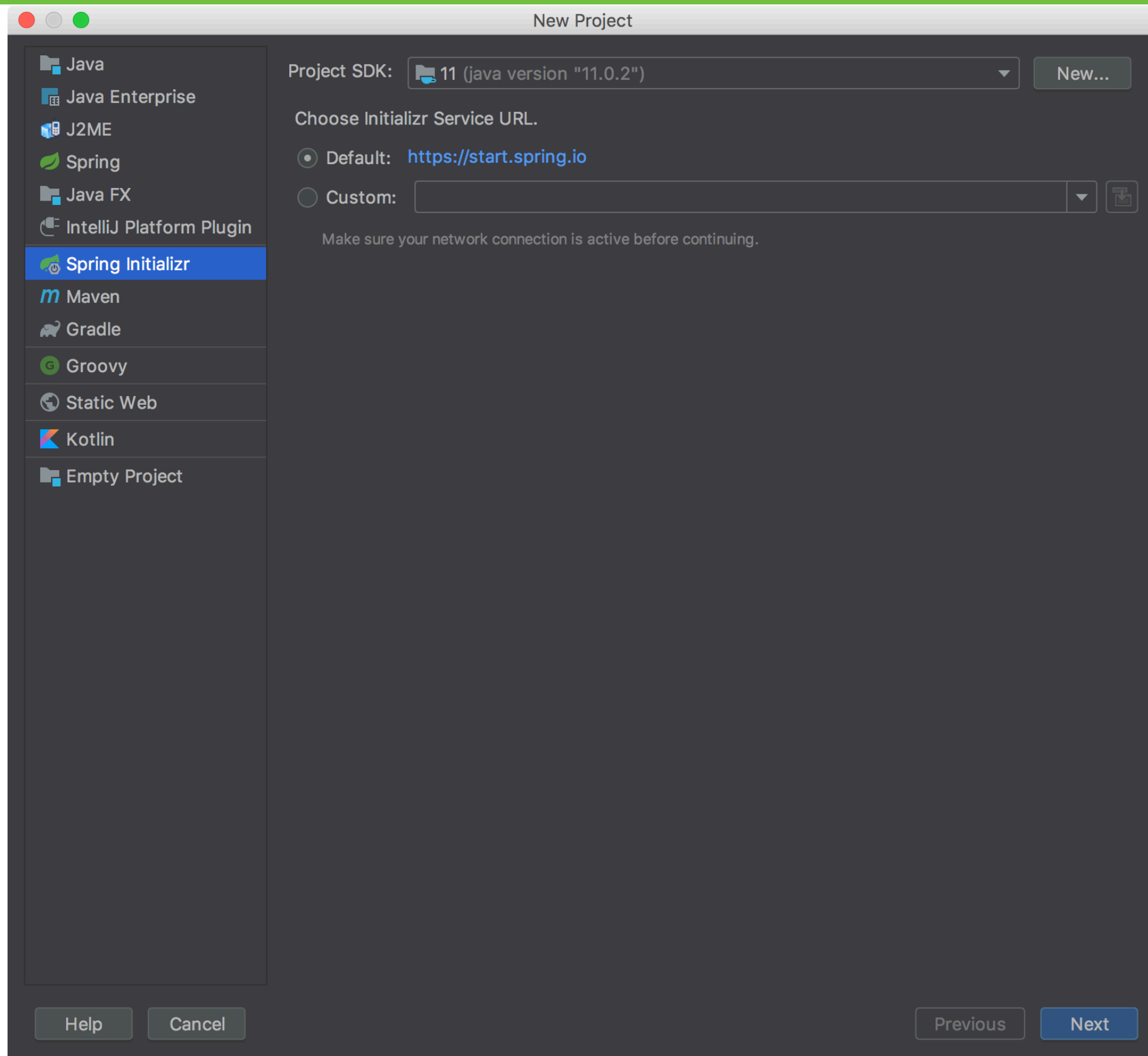
**Thymeleaf** TEMPLATE ENGINES

A modern server-side Java template engine for both web and standalone environments. Allows HTML to be correctly displayed in browsers and as static prototypes.

GENERATE ⌘ + ↵

EXPLORE CTRL + SPACE

SHARE...



New Project

**Project Metadata**

Group:

Artifact:

Type:

Language:

Packaging:

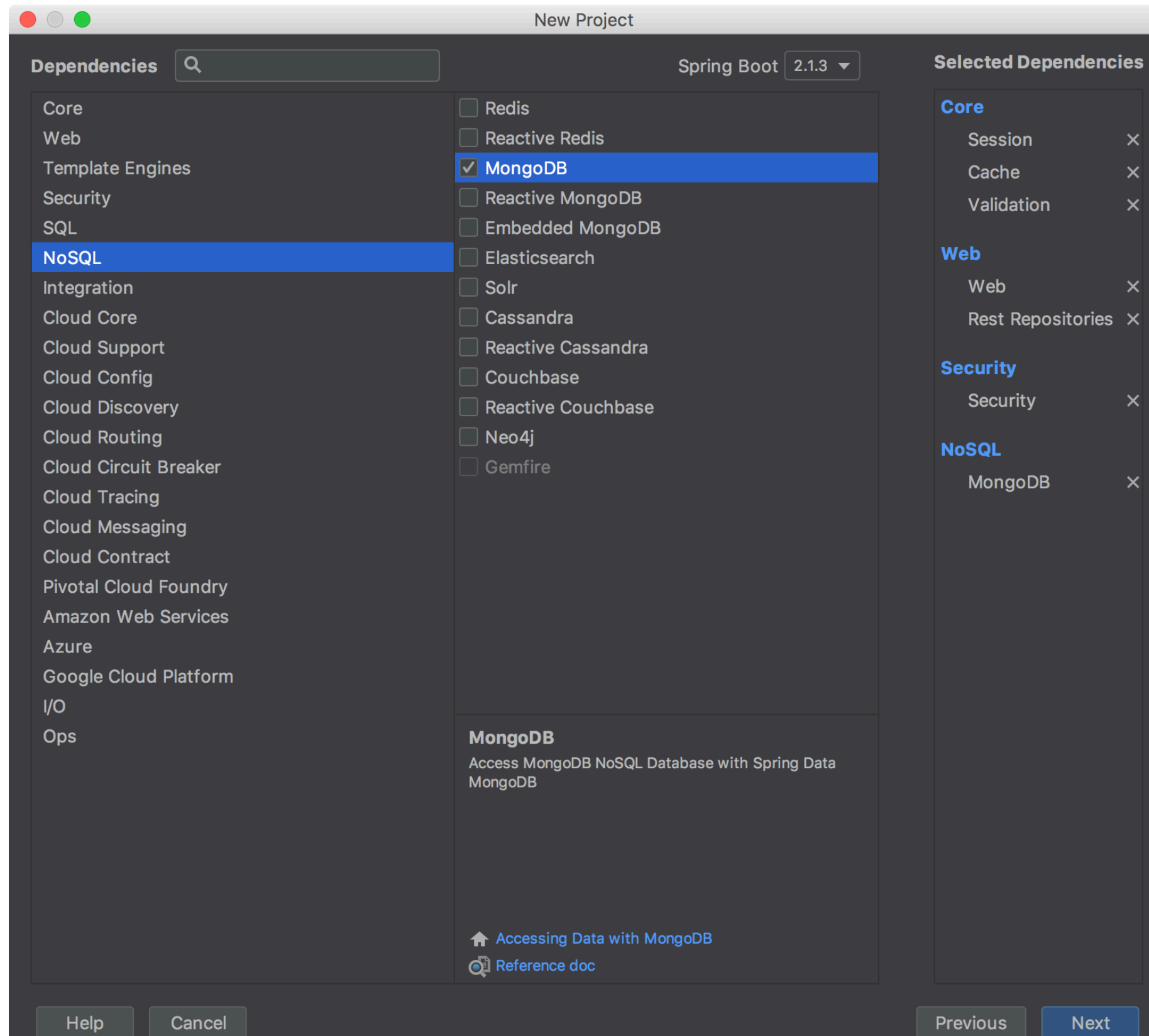
Java Version:

Version:

Name:

Description:

Package:





Import Module from Gradle

Gradle project:  ...


☒ Use auto-import

☐ Create directories for empty content roots automatically


Group modules: ☐ using explicit module groups ☒ using qualified names


☒ Create separate module per source set

☒ Use default gradle wrapper (recommended)

☐ Use gradle 'wrapper' task configuration  Gradle wrapper customization in build script

☐ Use local gradle distribution

Gradle home:  

Gradle JVM:  Use Project JDK (java version "11.0.2", path: /Library/Java/JavaVirtual...jdk-11.0.2.jdk/Contents/Home) ▼ ...

► Global Gradle settings



# APPLICATION.PROPERTIES



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The screenshot shows an IDE interface with the following components:

- Project Explorer (Left):** Displays the project structure for 'material UF2.4 SPRING [m07uf2]'. The 'src/main/java/edu.fje.daw2.m07uf2/controller' directory is expanded, showing 'M07uf2Application'. The 'application.properties' file is selected in the 'resources' folder.
- Code Editor (Center):** Displays the content of 'application.properties':

```
1 spring.mvc.view.prefix= /WEB-INF/jsp/  
2 spring.mvc.view.suffix= .jsp  
3 spring.autoconfigure.exclude=org.springframework.boot.autoconfigure.security.servlet.SecurityAutoConfiguration  
4 welcome.message= Projecte de DAW2  
5
```
- Callout Box (Right):** A yellow speech bubble pointing to line 3 of the code, containing the text: "desactiva Spring Security".
- Run Bar (Bottom):** Shows 'Run: M07uf2Application'.