

USO DE SPRING INITIALIZR



NUESTRO ENTORNO

- ▶ Java 8 (Oracle JDK)
- ▶ Spring Tool Suite 4 (sobre eclipse)



Spring Tools 4 is the next generation of Spring tooling for your favorite coding environment. Largely rebuilt from scratch, it provides world-class support for developing Spring-based enterprise applications, whether you prefer Eclipse, Visual Studio Code, or Atom IDE.

ÚLTIMA VERSIÓN: SPRING TOOL SUITE 4

- ▶ **Bundle junto a Eclipse**
- ▶ Plugin para Visual Studio Code
- ▶ Plugin para Atom.io

<https://spring.io/tools>



Spring Tools | 4

PASO 1:

COMPROBAR JDK

- ▶ Desde la línea de comandos:

`java -version`

```
user@ubuntu:~$ java -version
```

```
No se ha encontrado la orden «java», pero se puede instalar con:
```

```
sudo apt install default-jre
```

```
sudo apt install openjdk-11-jre-headless
```

```
sudo apt install openjdk-8-jre-headless
```

PASO 1: COMPROBAR JDK

- ▶ A día de hoy, un plugin (*surefire*) tiene una incidencia abierta que hace que no funcione en ubuntu con JDK.
- ▶ Sin embargo, sí funciona con Oracle JDK

PASO 1:

COMPROBAR JDK

- Pasos a seguir:

```
$ sudo add-apt-repository ppa:webupd8team/java
```

```
$ sudo apt update
```

```
$ sudo apt install oracle-java8-installer
```

PASO 2: INSTALAR MAVEN

- ▶ Pasos a seguir:

```
$ sudo apt install maven
```

PASO 3:

DESCARGAR SPRING TOOL SUITE



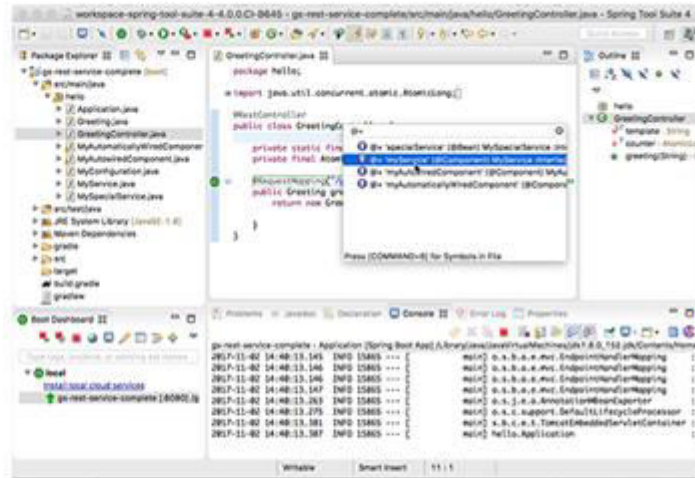
Spring Tools 4 for Eclipse

The all-new Spring Tool Suite 4.
Free. Open source.

Download STS4
(for Windows 64-bit)

Download STS4
(for macOS 64-bit)

Download STS4
(for Linux 64-bit)



<https://spring.io/tools>

PASO 4:

DESCOMPRESIÓN Y ENLAZAR

- Desde la línea de comandos:

```
$ cd ~/Descargas
```

```
$ sudo mv spring-....tar.gz /opt
```

```
$ cd /opt
```

```
$ sudo tar zxvf spring-...tar.gz
```

PASO 4: DESCOMPRESIR Y ENLAZAR

```
$ sudo ln -s  
    /opt/sts-4...RELEASE/SpringToolSuite4  
    /usr/local/bin/sts
```

PASO 5 (OPCIONAL): CREAR ACCESO DIRECTO

- Desde la línea de comandos:

```
sudo gedit /usr/share/applications/sts.desktop
```

```
[Desktop Entry]
Name=Spring Tool Suite 4
Comment=Spring Tool Suite 4 para Ubuntu
Exec=/usr/local/bin/sts
Icon=/opt/sts-4.0.1.RELEASE/icon.xpm
StartupNotify=true
Terminal=false
Type=Application
Categories=IDE;Development;Java;
```

Y... LISTO



SPRING INITIALIZR

- ▶ Generador rápido de proyectos
- ▶ Vía HTML (<https://start.spring.io/>) o a través de un API (usando nuestro IDE)

SPRING INITIALIZR bootstrap your application now

Generate a Maven Project with Java and Spring Boot 2.1.0

Project Metadata

Artifact coordinates

Group

Artifact

Dependencies

Add Spring Boot Starters and dependencies to your application

Search for dependencies

Selected Dependencies

Generate Project

Don't know what to look for? Want more options? [Switch to the full version.](#)

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SPRING INITIALIZR

File > New >
Spring Starter Project



The screenshot shows the 'New Spring Starter Project' dialog box. The 'Service URL' is set to 'https://start.spring.io'. The 'Name' is '03.2Demo-1'. The 'Use default location' checkbox is checked. The 'Location' is '/home/luisml/Documentos/Cursos/Spring Boot y Web M'. The 'Type' is 'Maven', 'Packaging' is 'Jar', 'Java Version' is '8', and 'Language' is 'Java'. The 'Group' is 'com.openwebinars', 'Artifact' is '03.2Demo-1', 'Version' is '0.0.1-SNAPSHOT', 'Description' is 'Demo project for Spring Boot', and 'Package' is 'com.openwebinars.demo'. The 'Working sets' section has 'Add project to working sets' unchecked and 'Working sets' set to an empty dropdown. At the bottom are buttons for '< Back', 'Next >', 'Cancel', and 'Finish'.

New Spring Starter Project

Service URL:

Name:

☒ Use default location

Location:

Type: Packaging:

Java Version: Language:

Group:

Artifact:

Version:

Description:

Package:

Working sets:

☐ Add project to working sets

Working sets: