# Create new project Spring using maven

Simple way is to use archtype maven plugin, which can create fresh new project based on template, The simplest template I use is : maven-archetype-quickstart

**mvn archetype:generate -DgroupId=com.doc.spring -DartifactId=yard -DarchetypeArtifacId=maven-archetype-quickstart -DinteractiveMode=falses**

## Create and use maven-archetype-plugin

To create local archetype to be used further, follow those instruction

* On the project root type : **mvn archetype:create-from-project**
* New project will be generated in this directory **target/generated-sources/archetype/**
* **Hit mvn install to install the archtype to the local repository , maven will add xml file on the root of user repository archetype-catalog.xml witch** contain the reference to all archteype on the local repository

To use one of the local archetype tip this command: **mvn archetype:generate –DarchetypeCataloge=local**

REF

<https://maven.apache.org/archetype/maven-archetype-plugin/advanced-usage.html>

<https://www.mkyong.com/spring/quick-start-maven-spring-example/>