**Maven project creation :**

mvn archetype:generate -DgroupId=com.cf.test -DartifactId=Spring\_IOC -DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false

**Sample XML :**

<?xml version=*"1.0"* encoding=*"UTF-8"*?>

<!DOCTYPE beans PUBLIC "-//SPRING//DTD BEAN 2.0//EN" "http://www.springframework.org/dtd/spring-beans-2.0.dtd">

<beans>

</beans>

**IOC Spring depency :**

<https://mvnrepository.com/artifact/org.springframework>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-context</artifactId>

<version>2.5.5</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-core</artifactId>

<version>2.5.5</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-beans</artifactId>

<version>2.5.5</version>

</dependency>

**SCOPE TYPES :**

|  |  |
| --- | --- |
| **Scope** | **Description** |
| singleton | This scopes the bean definition to a single instance per Spring IoC container (default). |
| prototype | This scopes a single bean definition to have any number of object instances. |
| request | This scopes a bean definition to an HTTP request. Only valid in the context of a web-aware Spring ApplicationContext. |
| session | This scopes a bean definition to an HTTP session. Only valid in the context of a web-aware Spring ApplicationContext. |
| global-session | This scopes a bean definition to a global HTTP session. Only valid in the context of a web-aware Spring ApplicationContext. |

**MVC project architect type :**

mvn archetype:generate -DgroupId=com.cf.test -DartifactId=Spring\_IOC -DarchetypeArtifactId=maven-archetype-webapp -DinteractiveMode=false