

New Maven Project

New Maven project

Select an Archetype

Catalog: Internal

Configure...

Filter:

Group Id	Artifact Id	Version	
org.apache.maven.archetypes	maven-archetype-archetype	1.0	
org.apache.maven.archetypes	maven-archetype-j2ee-simple	1.0	
org.apache.maven.archetypes	maven-archetype-plugin	1.2	
org.apache.maven.archetypes	maven-archetype-plugin-site	1.1	
org.apache.maven.archetypes	maven-archetype-portlet	1.0.1	
org.apache.maven.archetypes	maven-archetype-profiles	1.0-alpha-4	
org.apache.maven.archetypes	maven-archetype-quickstart	1.1	

An archetype which contains a sample Maven project.

☒ Show the last version of Archetype only

☐ Include snapshot archetypes

Add Archetype...

Advanced


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Finish

Cancel


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Specify Archetype parameters

Group Id: com.test

Artifact Id: iocspring

Version: 0.0.1-SNAPSHOT

Package: com.test.iocspring

☒ run archetype generation interactively

Properties available from archetype:

Name	Value	
		<div>Add...</div> <div>Remove</div>

Advanced

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Finish

Cancel

```

Downloaded from central: https://repo.maven.apache.org/maven2/archetype-catalog.xml (17 MB at 16 MB/s)
[INFO] Archetype repository not defined. Using the one from [org.apache.maven.archetypes:maven-archetype-quickstart:1.5] found in catalog remote
[INFO] Using property: groupId = com.test
[INFO] Using property: artifactId = ioc_spring
[INFO] Using property: version = 0.0.1-SNAPSHOT
[INFO] Using property: package = com.test.ioc_spring
Confirm properties configuration:
groupId: com.test
artifactId: ioc_spring
version: 0.0.1-SNAPSHOT
package: com.test.ioc_spring
Y: y
[INFO] -----
[INFO] Using following parameters for creating project from Old (1.x) Archetype: maven-archetype-quickstart:1.1
[INFO] -----
[INFO] Parameter: basedir, Value: C:\Users\admin\eclipse-workspace
[INFO] Parameter: package, Value: com.test.ioc_spring
[INFO] Parameter: groupId, Value: com.test
[INFO] Parameter: artifactId, Value: ioc_spring
[INFO] Parameter: packageName, Value: com.test.ioc_spring
[INFO] Parameter: version, Value: 0.0.1-SNAPSHOT
[INFO] project created from Old (1.x) Archetype in dir: C:\Users\admin\eclipse-workspace\ioc_spring
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 6.665 s

```

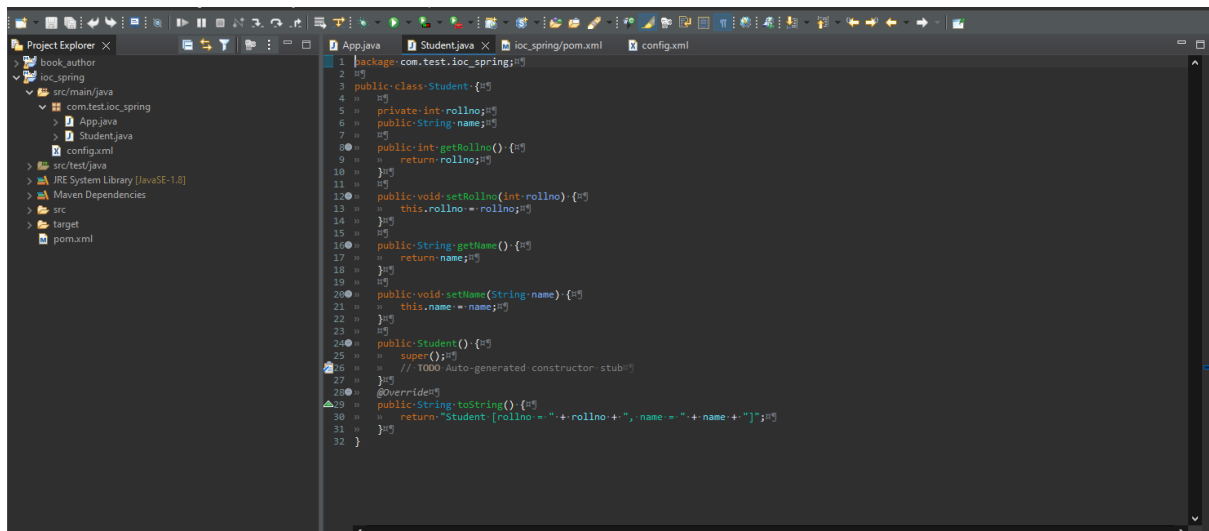
Project Explorer
book\_author
ioc\_spring
src/main/java
com.test.ioc\_spring
App.java
Student.java
config.xml
src/test/java
JRE System Library [JavaSE-1.8]
Maven Dependencies
src
target
pom.xml

App.java
Student.java
ioc\_spring/pom.xml
config.xml

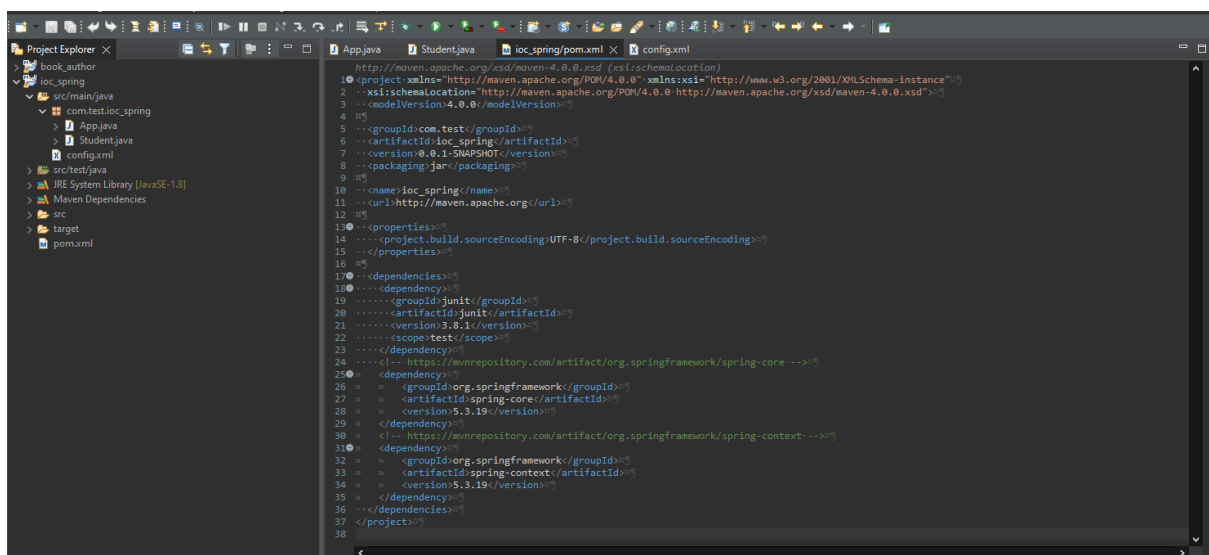
```

1 package com.test.ioc_spring;
2
3 import org.springframework.context.ApplicationContext;
4
5 public class App {
6     private static ApplicationContext context;
7     public static void main(String[] args) {
8         System.out.println("Hello World!");
9         context = new ClassPathXmlApplicationContext("config.xml");
10         Student student = (Student) context.getBean("sd");
11         System.out.println(student);
12     }
13 }

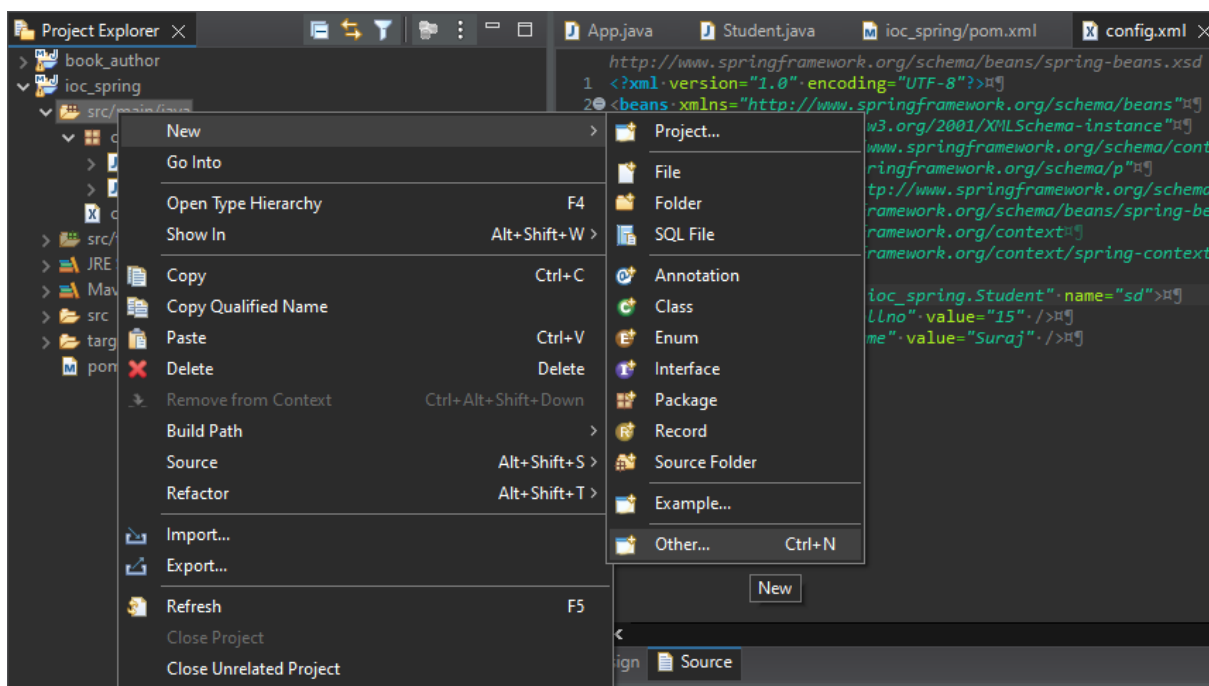
```



```
1 package com.test.ioc_spring;
2
3 public class Student {
4     private int rollno;
5     public String name;
6
7     public int getRollno() {
8         return rollno;
9     }
10
11     public void setRollno(int rollno) {
12         this.rollno = rollno;
13     }
14
15     public String getName() {
16         return name;
17     }
18
19     public void setName(String name) {
20         this.name = name;
21     }
22
23     public Student() {
24         // TODO Auto-generated constructor stub
25     }
26
27     @Override
28     public String toString() {
29         return "Student [rollno = " + rollno + ", name = " + name + "];"
30     }
31 }
32
```



```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <project xmlns="http://maven.apache.org/POM/4.0.0" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3     xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">
4     <modelVersion>4.0.0</modelVersion>
5     <groupId>com.test</groupId>
6     <artifactId>ioc_spring</artifactId>
7     <version>0.0.1-SNAPSHOT</version>
8     <packaging>jar</packaging>
9
10     <name>ioc_spring</name>
11     <url>http://maven.apache.org/</url>
12
13     <properties>
14         <project.build.sourceEncoding>UTF-8</project.build.sourceEncoding>
15     </properties>
16
17     <dependencies>
18         <dependency>
19             <groupId>junit</groupId>
20             <artifactId>junit</artifactId>
21             <version>3.0.1</version>
22             <scope>test</scope>
23         </dependency>
24         <!-- https://mvnrepository.com/artifact/org.springframework/spring-core -->
25         <dependency>
26             <groupId>org.springframework</groupId>
27             <artifactId>spring-core</artifactId>
28             <version>5.3.19</version>
29         </dependency>
30         <!-- https://mvnrepository.com/artifact/org.springframework/spring-context -->
31         <dependency>
32             <groupId>org.springframework</groupId>
33             <artifactId>spring-context</artifactId>
34             <version>5.3.19</version>
35         </dependency>
36     </dependencies>
37 </project>
38
```



```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <beans xmlns="http://www.springframework.org/schema/beans"
3     xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4     xsi:schemaLocation="http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans/spring-beans.xsd">
5     <bean class="com.test.ioc_spring.Student" name="sd">
6         <property name="rollno" value="15"/>
7         <property name="name" value="Suraj"/>
8     </bean>
9 </beans>
```

