

Week4_Spring Rest using Spring Boot 3_Spring Core – Load Country from Spring Configuration XML

Country.xml

```
src > main > resources > country.xml
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
5          http://www.springframework.org/schema/beans/spring-beans.xsd">
6
7      <bean id="country" class="com.example.spring_rest_handson.model.Country">
8          <property name="code" value="IN"/>
9          <property name="name" value="India"/>
10     </bean>
11
12 </beans>
13
```

Country.java

```
src > main > java > com > example > spring_rest_handson > model > Country.java > Country > setCode(String)
1  package com.example.spring_rest_handson.model;
2
3  public class Country {
4      private String code;
5      private String name;
6
7      public String getCode() {
8          return code;
9      }
10
11     public void setCode(String code) {
12         this.code = code;
13     }
14
15     public String getName() {
16         return name;
17     }
18
19     public void setName(String name) {
20         this.name = name;
21     }
22
23     @Override
24     public String toString() {
25         return "Country [code=" + code + ", name=" + name + "]";
26     }
27 }
28
```

SpringRestHandsonApplication.java

```
src > main > java > com > example > spring_rest_handson > SpringRestHandsonApplication.java > ...
1  package com.example.spring_rest_handson;
2
3  import com.example.spring_rest_handson.model.Country;
4  import org.springframework.context.ApplicationContext;
5  import org.springframework.context.support.ClassPathXmlApplicationContext;
6  import org.springframework.boot.autoconfigure.SpringBootApplication;
7
8  @SpringBootApplication
9  public class SpringRestHandsonApplication {
10
11      Run | Debug
12      public static void main(String[] args) {
13          ApplicationContext context = new ClassPathXmlApplicationContext("country.xml");
14          Country country = (Country) context.getBean("country");
15          System.out.println(country);
16      }
17  }
```

Output

```
[INFO] --- compiler:3.14.0:compile (default-compile) @ spring-rest-handson ---
[INFO] Recompiling the module because of added or removed source files.
[INFO] Compiling 2 source files with javac [debug parameters release 17] to target\classes
[INFO] --- resources:3.3.1:testResources (default-testResources) @
spring-rest-handson ---
[INFO] skip non existing resourceDirectory C:\Users\veert\OneDrive\Desktop\college work\DAA Lab\spring
-rest-handson\spring-rest-handson\src\test\resources
[INFO] Attaching agents: []
Picked up JAVA_TOOL_OPTIONS: -Dstdout.encoding=UTF-8 -Dstderr.encoding=UTF-8
Country [code=IN, name=India]
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] Attaching agents: []
Picked up JAVA_TOOL_OPTIONS: -Dstdout.encoding=UTF-8 -Dstderr.encoding=UTF-8
[INFO] Attaching agents: []
[INFO] Attaching agents: []
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 4.790 s
[INFO] Finished at: 2025-07-13T10:20:04+05:30
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 4.790 s
[INFO] Finished at: 2025-07-13T10:20:04+05:30
[INFO] -----

C:\Users\veert\OneDrive\Desktop\college work\DAA Lab\spring-rest-handson\spring-rest-handson>
```