

Spring Core – Load Country from Spring Configuration XML

Code:

MainApp.java:

```
package com.example.springcore;

import org.springframework.context.ApplicationContext;
import org.springframework.context.support.ClassPathXmlApplicationContext;

public class MainApp {

    public static void main(String[] args) {

        ApplicationContext context = new ClassPathXmlApplicationContext("applicationContext.xml");

        Country country = (Country) context.getBean("country");

        System.out.println(country);

    }

}
```

Country.java:

```
package com.example.springcore;

public class Country {

    private String name;

    private String capital;


    public void setName(String name) {

        this.name = name;

    }

    public void setCapital(String capital) {

        this.capital = capital;

    }

    @Override

    public String toString() {

        return "Country: " + name + ", Capital: " + capital;

    }

}
```

applicationContext.xml:

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

<beans xmlns="http://www.springframework.org/schema/beans"
       xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
       xsi:schemaLocation="
           http://www.springframework.org/schema/beans
           http://www.springframework.org/schema/beans/spring-beans.xsd">

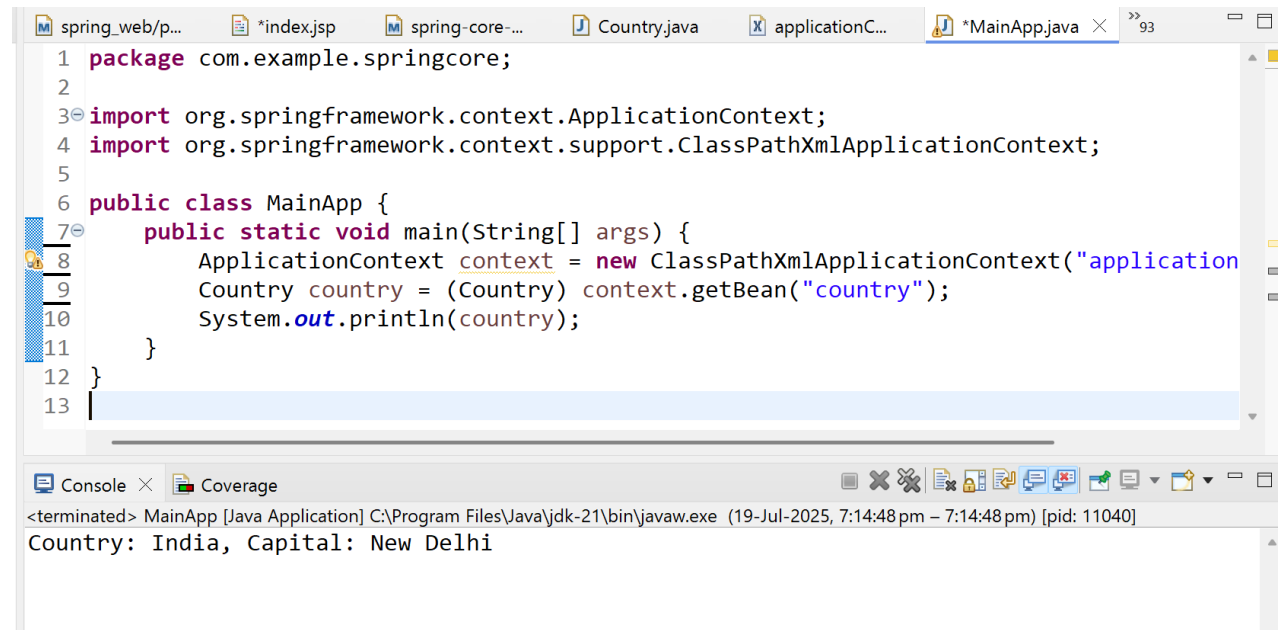
    <bean id="country" class="com.example.springcore.Country">
        <property name="name" value="India"/>
        <property name="capital" value="New Delhi"/>
    </bean>
</beans>
```

pom.xml:

```
<project xmlns="http://maven.apache.org/POM/4.0.0"
          xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
          xsi:schemaLocation="http://maven.apache.org/POM/4.0.0
                              http://maven.apache.org/xsd/maven-4.0.0.xsd">
    <modelVersion>4.0.0</modelVersion>
    <groupId>com.example</groupId>
    <artifactId>springcore</artifactId>
    <version>1.0.0</version>
    <properties>
        <maven.compiler.source>8</maven.compiler.source>
        <maven.compiler.target>8</maven.compiler.target>
    </properties>
    <dependencies>
        <dependency>
            <groupId>org.springframework</groupId>
            <artifactId>spring-context</artifactId>
            <version>5.3.32</version>
        </dependency>
    </dependencies>
```

</project>

Output:



The screenshot shows an IDE with several tabs open: `spring_web/p...`, `*index.jsp`, `spring-core-...`, `Country.java`, `applicationC...`, and `*MainApp.java`. The `*MainApp.java` tab is active, displaying the following Java code:

```
1 package com.example.springcore;
2
3 import org.springframework.context.ApplicationContext;
4 import org.springframework.context.support.ClassPathXmlApplicationContext;
5
6 public class MainApp {
7     public static void main(String[] args) {
8         ApplicationContext context = new ClassPathXmlApplicationContext("application
9         Country country = (Country) context.getBean("country");
10        System.out.println(country);
11    }
12 }
13
```

Below the code editor, the `Console` tab is active, showing the output of the application:

```
<terminated> MainApp [Java Application] C:\Program Files\Java\jdk-21\bin\javaw.exe (19-Jul-2025, 7:14:48 pm - 7:14:48 pm) [pid: 11040]
Country: India, Capital: New Delhi
```