

Spring Core – Load Country from Spring Configuration XML

Maven-wrapper:

wrapperVersion=3.3.2

distributionType=only-script

distributionUrl=https://repo.maven.apache.org/maven2/org/apache/maven/apache-maven/3.9.10/apache-maven-3.9.10-bin.zip

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
    https://maven.apache.org/xsd/maven-4.0.0.xsd">
```

```
  <modelVersion>4.0.0</modelVersion>
```

```
  <groupId>com.cognizant</groupId>
```

```
  <artifactId>spring-core-xml</artifactId>
```

```
  <version>1.0-SNAPSHOT</version>
```

```
  <dependencies>
```

```
    <!-- Spring Core -->
```

```
    <dependency>
```

```
      <groupId>org.springframework</groupId>
```

```
      <artifactId>spring-context</artifactId>
```

```
      <version>5.3.36</version>
```

```
    </dependency>
```

```
    <!-- SLF4J for Logging -->
```

```
    <dependency>
```

```
<groupId>org.slf4j</groupId>
<artifactId>slf4j-api</artifactId>
<version>1.7.30</version>
</dependency>
```

```
<dependency>
  <groupId>org.slf4j</groupId>
  <artifactId>slf4j-simple</artifactId>
  <version>1.7.30</version>
</dependency>
</dependencies>
```

```
<build>
  <plugins>
    <!-- Maven Compiler Plugin -->
    <plugin>
      <groupId>org.apache.maven.plugins</groupId>
      <artifactId>maven-compiler-plugin</artifactId>
      <version>3.8.1</version>
      <configuration>
        <source>1.8</source>
        <target>1.8</target>
      </configuration>
    </plugin>

    <!-- Maven Exec Plugin to run main class -->
    <plugin>
```

```
<groupId>org.codehaus.mojo</groupId>
<artifactId>exec-maven-plugin</artifactId>
<version>1.6.0</version>
<configuration>
    <!-- ☒ Use correct class with main() method -->
<mainClass>com.cognizant.springlearn.SpringLearnApplication</mainClass>
</configuration>
</plugin>
</plugins>
</build>
</project>
```

Country.java:

```
package com.cognizant.springlearn;

public class Country {
    private String code;
    private String name;

    public String getCode() {
        return code;
    }

    public void setCode(String code) {
        this.code = code;
    }

    public String getName() {
        return name;
    }
}
```

```
}
```

```
public void setName(String name) {  
    this.name = name;  
}
```

```
@Override
```

```
public String toString() {  
    return "Country{" + "code=" + code + "\" + ", name=" + name + "\" + '}'";  
}  
}
```

Country.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.cognizant.springlearn.Country">  
        <property name="code" value="IN"/>  
        <property name="name" value="India"/>  
    </bean>  
</beans>
```

Springapplication.java:

```
package com.cognizant.springlearn;  
  
import org.slf4j.Logger;
```

```
import org.slf4j.LoggerFactory;
import org.springframework.context.ApplicationContext;
import org.springframework.context.support.ClassPathXmlApplicationContext;

public class SpringLearnApplication {
    private static final Logger LOGGER =
        LoggerFactory.getLogger(SpringLearnApplication.class);

    public static void main(String[] args) {
        LOGGER.info("START");

        ApplicationContext context = new
            ClassPathXmlApplicationContext("country.xml");
        Country country = context.getBean("country", Country.class);

        LOGGER.debug("Country: {}", country);

        LOGGER.info("END");
    }
}
```