**Spring REST using Spring Boot 3**

**EXERCISE 2: Spring Core – Load Country from Spring Configuration XML**

**Source Code**

**Steps:**

1. **Create a Project**
2. Go to <https://start.spring.io>
3. Group: com.cognizant
4. Artifact: spring-learn
5. Dependencies: None needed for this task
6. Extract the zip and import it in Eclipse via:
7. File > Import > Existing Maven Projects
8. **Create Country Java Bean**

**📁 Path: src/main/java/com/cognizant/springlearn/Country.java**

package com.cognizant.springlearn;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class Country {

private String code;

private String name;

private static final Logger LOGGER = LoggerFactory.getLogger(Country.class);

public Country() {

LOGGER.debug("Inside Country Constructor.");

}

public String getCode() {

LOGGER.debug("Getting code: {}", code);

return code;

}

public void setCode(String code) {

LOGGER.debug("Setting code: {}", code);

this.code = code;

}

public String getName() {

LOGGER.debug("Getting name: {}", name);

return name;

}

public void setName(String name) {

LOGGER.debug("Setting name: {}", name);

this.name = name;

}

@Override

public String toString() {

return "Country [code=" + code + ", name=" + name + "]";

}

}

1. **Create country.xml**

📁 Path: src/main/resources/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

https://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>

1. **Modify SpringLearnApplication.java**

📁 Path: src/main/java/com/cognizant/springlearn/SpringLearnApplication.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");

displayCountry();

LOGGER.info("END");

}

public static void displayCountry() {

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

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

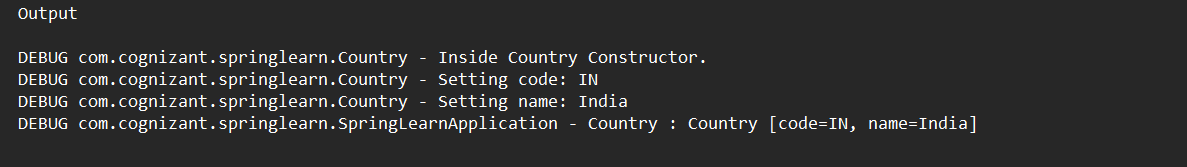
LOGGER.debug("Country : {}", country.toString());

}

}

1. **Run the Application**
2. Right-click SpringLearnApplication.java
3. Select Run As > Java Application

**Console Output:**

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