Hands-on 4: Load Country from XML

1. **Create Country.java**:

public class Country {

private String code;

private String name;

public Country() {

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

}

public String getCode() {

LOGGER.debug("Getter for code");

return code;

}

public void setCode(String code) {

LOGGER.debug("Setter for code");

this.code = code;

}

public String getName() {

LOGGER.debug("Getter for name");

return name;

}

public void setName(String name) {

LOGGER.debug("Setter for name");

this.name = name;

}

@Override

public String toString() {

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

}

}

1. **Create country.xml in src/main/resources**:

<bean id="country" class="com.cognizant.springlearn.Country">

<property name="code" value="IN"/>

<property name="name" value="India"/>

</bean>

1. **In SpringLearnApplication.java**:

public void displayCountry() {

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

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

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

}

1. **Call this in main()**:

SpringLearnApplication app = new SpringLearnApplication();

app.displayCountry();

1. Output:

250711|20:23:10.123|main | INFO|SpringLearnApplication | displayCountry|START

250711|20:23:10.126|main |DEBUG|com.cognizant.springlearn.Country| <init>|Inside Country Constructor.

250711|20:23:10.127|main |DEBUG|com.cognizant.springlearn.Country| setCode|Setter for code

250711|20:23:10.127|main |DEBUG|com.cognizant.springlearn.Country| setName|Setter for name

250711|20:23:10.128|main |DEBUG|SpringLearnApplication | displayCountry|Country : Country [code=IN, name=India]

250711|20:23:10.128|main | INFO|SpringLearnApplication | displayCountry|END