**Hands on 4: Spring Core – Load Country from Spring Configuration XML**

**SpringLearnApplication.java:**

package com.cognizant.springlearn;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

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() {

***LOGGER***.debug("Inside displayCountry()"); // this MUST appear in your console

try (ClassPathXmlApplicationContext context = new ClassPathXmlApplicationContext("country.xml")) {

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

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

} catch (Exception e) {

***LOGGER***.error("Error loading country bean", e);

}

}

}

**Country.java:**

package com.cognizant.springlearn;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

public class Country {

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

private String code;

private String name;

public Country() {

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

}

public String getCode() {

***LOGGER***.debug("Inside getCode.");

return code;

}

public void setCode(String code) {

***LOGGER***.debug("Inside setCode.");

this.code = code;

}

public String getName() {

***LOGGER***.debug("Inside getName.");

return name;

}

public void setName(String name) {

***LOGGER***.debug("Inside setName.");

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>

