**Spring Core – Load Country from Spring Configuration XML**

**country.java**

package com.cognizant.spring\_learn;

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("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 + "]";

}

}

**SpringLearnApplication.java**

package com.cognizant.spring\_learn;

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 displayCountry() {

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

// Note: class name is lowercase because your class is named `country`

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

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

}

public static void main(String[] args) {

***LOGGER***.info("START");

*displayCountry*();

***LOGGER***.info("END");

}

}

**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.spring\_learn.country">

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

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

</bean>

</beans>

**logback.xml**

<configuration>

<appender name="STDOUT" class="ch.qos.logback.core.ConsoleAppender">

<encoder>

<pattern>%d{HH:mm:ss.SSS} [%thread] %-5level %logger{36} - %msg%n</pattern>

</encoder>

</appender>

<root level="debug">

<appender-ref ref="STDOUT" />

</root>

</configuration>

**OUTPUT:**

16:45:40.886 [main] INFO c.c.s.SpringLearnApplication - START

16:45:40.962 [main] DEBUG o.s.c.s.ClassPathXmlApplicationContext - Refreshing org.springframework.context.support.ClassPathXmlApplicationContext@4278a03f

16:45:41.160 [main] DEBUG o.s.b.f.xml.XmlBeanDefinitionReader - Loaded 1 bean definitions from class path resource [country.xml]

16:45:41.203 [main] DEBUG o.s.b.f.s.DefaultListableBeanFactory - Creating shared instance of singleton bean 'country'

16:45:41.204 [main] DEBUG com.cognizant.spring\_learn.country - Inside Country Constructor.

16:45:41.262 [main] DEBUG com.cognizant.spring\_learn.country - Inside setCode()

16:45:41.262 [main] DEBUG com.cognizant.spring\_learn.country - Inside setName()

16:45:41.283 [main] DEBUG c.c.s.SpringLearnApplication - Country : Country [code=IN, name=India]

16:45:41.285 [main] INFO c.c.s.SpringLearnApplication - END