**spring-rest-handson**

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

**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("Getting code");

return code;

}

public void setCode(String code) {

LOGGER.debug("Setting code");

this.code = code;

}

public String getName() {

LOGGER.debug("Getting name");

return name;

}

public void setName(String name) {

LOGGER.debug("Setting name");

this.name = name;

}

@Override

public String toString() {

return "Country{" + "code='" + code + '\'' + ", name='" + name + '\'' + '}';

}

}

**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>

**Method in SpringLearnApplication.java**

public void displayCountry() {

LOGGER.info("START");

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

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

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

LOGGER.info("END");

}

**Output**

240712|18:35:14.800|main | INFO |SpringLearnApplication |displayCountry|START

240712|18:35:14.812|main |DEBUG|Country | <init>|Inside Country Constructor.

240712|18:35:14.812|main |DEBUG|Country | setCode|Setting code

240712|18:35:14.812|main |DEBUG|Country | setName|Setting name

240712|18:35:14.813|main |DEBUG|Country | getCode|Getting code

240712|18:35:14.813|main |DEBUG|Country | getName|Getting name

240712|18:35:14.813|main |DEBUG|SpringLearnApplication |displayCountry|Country : Country{code='IN', name='India'}

240712|18:35:14.813|main | INFO |SpringLearnApplication |displayCountry|END