REST - Country Web Service   
  
 Write a REST service that returns India country details in the earlier created spring learn application.  
  
 **URL**: /country  
 **Controller**: com.cognizant.spring-learn.controller.CountryController  
 **Method Annotation**: @RequestMapping  
 **Method Name**: getCountryIndia()  
 **Method Implementation**: Load India bean from spring xml configuration and return  
 **Sample Request**: http://localhost:8083/country  
 **Sample Response**:

{

"code": "IN",

"name": "India"

}

*SpringLearnApplication.java:*

package com.cognizant.spring\_learn;

import org.springframework.boot.SpringApplication;

import org.springframework.boot.autoconfigure.SpringBootApplication;

import org.springframework.context.annotation.ImportResource;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

*@SpringBootApplication*

*@ImportResource*({"classpath:country.xml"})

public class SpringLearnApplication {

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

public static void main(String[] args) {

SpringApplication.*run*(SpringLearnApplication.class, args);

***LOGGER***.info("Application started successfully");

}

}

*CountryController.java:*

package com.cognizant.spring\_learn.controller;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RestController;

import com.cognizant.spring\_learn.model.Country;

*@RestController*

public class CountryController {

*@RequestMapping*("/country")

public Country getCountryIndia() {

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

Country i = (Country) context.getBean("in");

return i;

}

}

*Country.java:*

package com.cognizant.spring\_learn.model;

public class Country {

private String code;

private String name;

public Country() {

}

public String getCode() {

return code;

}

public void setCode(String code) {

this.code = code;

}

public String getName() {

return name;

}

public void setName(String name) {

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="countryIN" class="com.cognizant.spring\_learn.model.Country">

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

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

</bean>

<bean id="countryUS" class="com.cognizant.spring\_learn.model.Country">

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

<property name="name" value="United States" />

</bean>

<bean id="countryDE" class="com.cognizant.spring\_learn.model.Country">

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

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

</bean>

<bean id="countryJP" class="com.cognizant.spring\_learn.model.Country">

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

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

</bean>

</beans>

*Output:*



