**Hands on 6 Spring Core – Load list of countries from Spring Configuration XML**

**Main.java:**

package com.cognizant.spring\_learn;

import org.slf4j.Logger;

import org.slf4j.LoggerFactory;

import org.springframework.context.support.ClassPathXmlApplicationContext;

import java.util.List;

public class Main {

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

public static void main(String[] args) {

*LOGGER*.info("START");

ClassPathXmlApplicationContext context = new ClassPathXmlApplicationContext("spring.xml");

List<Country> countryList = (List<Country>) context.getBean("countryList");

for (Country country : countryList) {

System.*out*.println(country);

}

*LOGGER*.info("END");

context.close();

}

}

**Spring.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">**

**<!-- Individual country beans -->**

**<bean id="in" class="com.cognizant.spring\_learn.Country">**

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

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

**</bean>**

**<bean id="us" class="com.cognizant.spring\_learn.Country">**

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

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

**</bean>**

**<bean id="de" class="com.cognizant.spring\_learn.Country">**

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

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

**</bean>**

**<bean id="jp" class="com.cognizant.spring\_learn.Country">**

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

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

**</bean>**

**<!-- List of countries -->**

**<bean id="countryList" class="java.util.ArrayList">**

**<constructor-arg>**

**<list>**

**<ref bean="in"/>**

**<ref bean="us"/>**

**<ref bean="de"/>**

**<ref bean="jp"/>**

**</list>**

**</constructor-arg>**

**</bean>**

**</beans>**

**SpringLearnApplication.java:**

**package com.cognizant.spring\_learn;**

**import org.slf4j.Logger;**

**import org.slf4j.LoggerFactory;**

**import org.springframework.context.support.ClassPathXmlApplicationContext;**

**import java.util.List;**

**public class SpringLearnApplication {**

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

**public static void main(String[] args) {**

***displayCountries*();**

**}**

**public static void displayCountries() {**

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

**ClassPathXmlApplicationContext context = new ClassPathXmlApplicationContext("spring.xml");**

**List<Country> countryList = (List<Country>) context.getBean("countryList");**

**for (Country country : countryList) {**

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

**}**

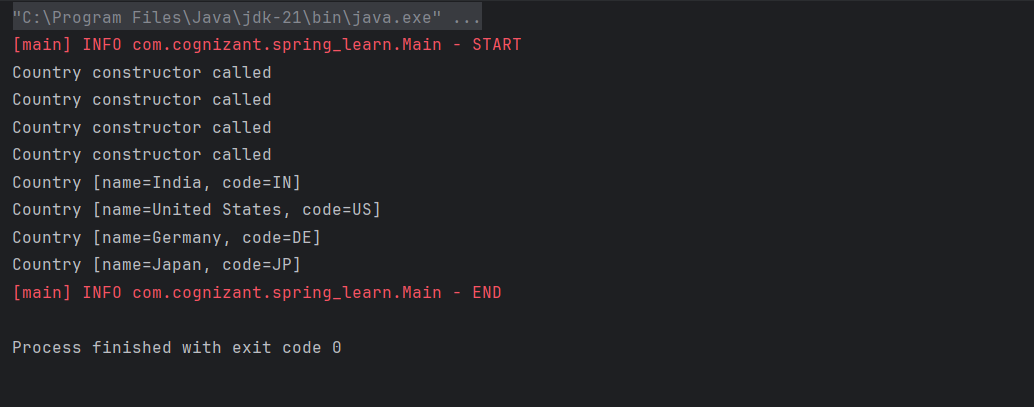
**context.close();**

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

**}**

**}**

**Output:**

****