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

**/spring-learn/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.spring\_learn.Country"*>

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

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

</bean>

</beans>

**/spring-learn/src/main/java/com/cognizant/spring\_learn/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*(SpringLearnApplication.**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** "[Name: " + name + "; Code: " + code + "]";

}

}

**/spring-learn/src/main/java/com/cognizant/spring\_learn/SpringLearnApplication.java**

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

**import** org.slf4j.Logger;

**import** org.slf4j.LoggerFactory;

**import** java.text.ParseException;

**import** java.text.SimpleDateFormat;

**import** java.util.Date;

**import** org.springframework.boot.SpringApplication;

**import** org.springframework.boot.autoconfigure.SpringBootApplication;

**import** org.springframework.context.ApplicationContext;

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

@SpringBootApplication

**public** **class** SpringLearnApplication {

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

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

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

// displayDate("31/12/2018");

*displayCountry*();

}

**public** **static** **void** displayDate(String date) **throws** ParseException {

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

ApplicationContext context = **new** ClassPathXmlApplicationContext("date-format.xml");

SimpleDateFormat format = context.getBean("dateFormat", SimpleDateFormat.**class**);

Date new\_date = format.parse(date);

// System.out.println("Date: " + new\_date);

***LOGGER***.debug("Parsed Date {}", new\_date);

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

}

**public** **static** **void** displayCountry() {

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

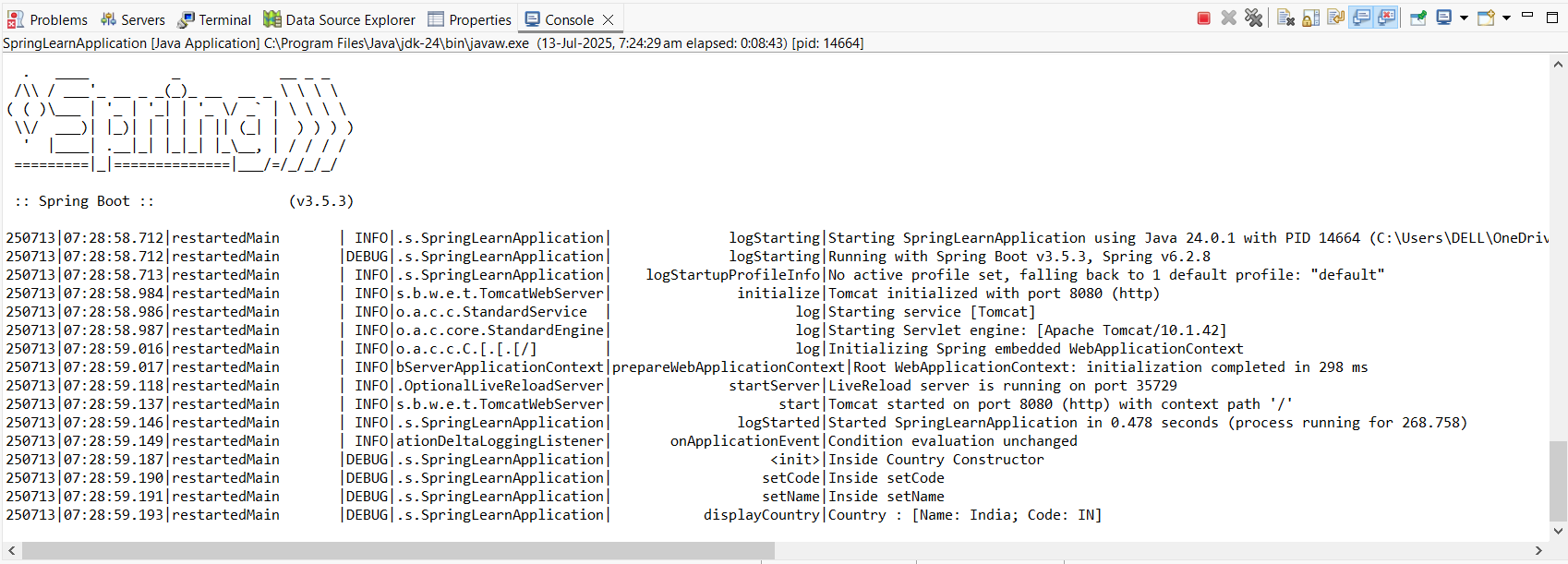
Country country = (Country) context.getBean("country", Country.**class**);

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

}

}

**Output**

****