pom.xml:

<project xmlns="http://maven.apache.org/POM/4.0.0">

<modelVersion>4.0.0</modelVersion>

<groupId>com.cognizant</groupId>

<artifactId>spring-learn</artifactId>

<version>1.0-SNAPSHOT</version>

<dependencies>

<!-- Spring Context -->

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-context</artifactId>

<version>5.3.34</version>

</dependency>

<!-- SLF4J API -->

<dependency>

<groupId>org.slf4j</groupId>

<artifactId>slf4j-api</artifactId>

<version>1.7.36</version>

</dependency>

<!-- Logback for SLF4J Implementation -->

<dependency>

<groupId>ch.qos.logback</groupId>

<artifactId>logback-classic</artifactId>

<version>1.2.11</version>

</dependency>

</dependencies>

</project>

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("getCode() called");

return code;

}

public void setCode(String code) {

LOGGER.debug("setCode() called with value: {}", code);

this.code = code;

}

public String getName() {

LOGGER.debug("getName() called");

return name;

}

public void setName(String name) {

LOGGER.debug("setName() called with value: {}", name);

this.name = name;

}

@Override

public String toString() {

return "Country [code=" + code + ", name=" + name + "]";

}

}

SpringLearnApplication.java:

package com.cognizant.springlearn;

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 main(String[] args) {

LOGGER.info("Application START");

displayCountry();

LOGGER.info("Application END");

}

public static void displayCountry() {

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

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

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

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

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

LOGGER.debug("AnotherCountry: {}", anotherCountry);

LOGGER.debug("Same instance? : {}", country == anotherCountry);

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

((ClassPathXmlApplicationContext) context).close();

}

}