XML based configuration:

Step1: create maven project and add following Spring core- dependencies in POM.xml

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-core</artifactId>

<version>5.2.0.RELEASE</version>

</dependency>

<dependency>

<groupId>org.springframework</groupId>

<artifactId>spring-context</artifactId>

<version>5.2.0.RELEASE</version>

</dependency>

Step2:create “beans.xml” in project folder

<?xml version="1.0" encoding="UTF-8"?>

<beans xmlns="http://www.springframework.org/schema/beans"

xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

xmlns:context="http://www.springframework.org/schema/context"

xsi:schemaLocation="http://www.springframework.org/schema/beans http://www.springframework.org/schema/beans/spring-beans-4.3.xsd

http://www.springframework.org/schema/context http://www.springframework.org/schema/context/spring-context-4.3.xsd"

default-lazy-init="true">

<bean id="e" class="com.evernorth.Engine">

</bean>

</beans>

Step3: create Engine.java

**package** com.evernorth;

**public** **class** Engine {

**void** milage() {

System.***out***.println("Milage is 80KMPH");

}

}

Step4: Create test applictaion

package com.evernorth;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.FileSystemXmlApplicationContext;

public class CarApp

{ public static void main( String[] args )

{

ApplicationContext context = new

FileSystemXmlApplicationContext("C:\\javaworkspace\\MyFirstMavenProject\\resources\\beans.xml");

Engine e=(Engine)context.getBean("e");

System.out.println(e);

e.milage();

}

}

Javabased configuration:

Step1: Create customer.java component

**package** javaconfig;

**public** **class** Customer {

String name;

String email;

**public** Customer(){

}

**public** Customer(String name, String email) {

**this**.name = name;

**this**.email = email;

}

@Override

**public** String toString() {

**return** "Customer [name=" + name + ", email=" + email + "]";

}

Step2: Create configuration class

package javaconfig;

import org.springframework.context.annotation.ComponentScan;

import org.springframework.context.annotation.Configuration;

@Configuration

@ComponentScan("javaconfig.components")

public class SpringConfig1 {

}

}

Step3: Create Test class

**package** javaconfig;

**import** org.springframework.context.annotation.AnnotationConfigApplicationContext;

**import** javaconfig.components.Bill;

**import** javaconfig.components.Customer;

**public** **class** Test {

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

AnnotationConfigApplicationContext context = **new** AnnotationConfigApplicationContext(SpringConfig1.**class**);

Customer c= (Customer)context.getBean("customer");

c.setEmail("abc@gmail.com");

c.setName("abc");

System.***out***.println(c);

}

}