Here we can have more than one config files possible

ApplicationContext context =

new ClassPathXmlApplicationContext(new String[] {"Spring-Common.xml",

"Spring-Connection.xml","Spring-ModuleA.xml"});

**Application contexts can publish events to beans that are registered as listeners**

1. **Bean:**

package com.tutorialspoint;

public class HelloWorld {

private String message;

public void setMessage(String message){

this.message = message;

}

public void getMessage(){

System.out.println("Your Message : " + message);

}

}

1. **Start EventHandler:**

package com.tutorialspoint;

import org.springframework.context.ApplicationListener;

import org.springframework.context.event.ContextStartedEvent;

public class CStartEventHandler

implements ApplicationListener<ContextStartedEvent>{

public void onApplicationEvent(ContextStartedEvent event) {

System.out.println("ContextStartedEvent Received");

}

}

1. **Stop EventHandler:**

package com.tutorialspoint;

import org.springframework.context.ApplicationListener;

import org.springframework.context.event.ContextStoppedEvent;

public class CStopEventHandler

implements ApplicationListener<ContextStoppedEvent>{

public void onApplicationEvent(ContextStoppedEvent event) {

System.out.println("ContextStoppedEvent Received");

}

}

1. **MainApp:**

package com.tutorialspoint;

import org.springframework.context.ConfigurableApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

public class MainApp {

public static void main(String[] args) {

ConfigurableApplicationContext context =

new ClassPathXmlApplicationContext("Beans.xml");

// Let us raise a start event.

context.start();

HelloWorld obj = (HelloWorld) context.getBean("helloWorld");

obj.getMessage();

// Let us raise a stop event.

context.stop();

}

}

1. **Bean.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-3.0.xsd">

<bean id="helloWorld" class="com.tutorialspoint.HelloWorld">

<property name="message" value="Hello World!"/>

</bean>

<bean id="cStartEventHandler" class="com.tutorialspoint.CStartEventHandler"/>

<bean id="cStopEventHandler" class="com.tutorialspoint.CStopEventHandler"/>

</beans>

**Application contexts provide a means for resolving text messages, including support for i18n of those messages.**

**spring.properties**

beanDef=I am a test bean to demo bean life cycle

**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"*

default-init-method = *"myInit"* default-destroy-method = *"myDestroy"*>

<bean id=*"beanLifeCycle"* class=*"com.rid.spring.BeanLifeCycle"*>

<property name=*"aboutBean"* value=*"${beanDef}"* />

</bean>

<bean class=*"org.springframework.beans.factory.config.PropertyPlaceholderConfigurer"*>

<property name=*"location"* value=*"spring.properties"*/>

</bean>

</beans>