**StartEventHandler.java**

package com.ecommerce;

import org.springframework.context.ApplicationListener;

import org.springframework.context.event.ContextStartedEvent;

public class StartEventHandler implements ApplicationListener<ContextStartedEvent>{

public void onApplicationEvent(ContextStartedEvent event) {

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

}

}

**CustomEvent.java**

**package** com.ecommerce.beans;

**import** org.springframework.context.ApplicationEvent;

**public** **class** CustomEvent **extends** ApplicationEvent{

**public** CustomEvent(Object source) {

**super**(source);

}

**public** String toString(){

**return** "This is a custom event";

}}

**CustomEventListener.java**

**package** com.ecommerce.beans;

**import** org.springframework.context.ApplicationListener;

**public** **class** CustomEventListener **implements** ApplicationListener<CustomEvent> {

**public** **void** onApplicationEvent(CustomEvent event) {

System.***out***.println(event.toString());

}

}

**CustomEventPublisher.java**

**package** com.ecommerce.beans;

**import** org.springframework.context.ApplicationEventPublisher;

**import** org.springframework.context.ApplicationEventPublisherAware;

**public** **class** CustomEventPublisher **implements** ApplicationEventPublisherAware {

**private** ApplicationEventPublisher publisher;

**public** **void** setApplicationEventPublisher (ApplicationEventPublisher publisher) {

**this**.publisher = publisher;

}

**public** **void** publish() {

CustomEvent ce = **new** CustomEvent(**this**);

publisher.publishEvent(ce);

}

}

**StopEventHandler.java**

package com.ecommerce.beans;

import org.springframework.context.ApplicationListener;

import org.springframework.context.event.ContextStoppedEvent;

public class StopEventHandler implements ApplicationListener<ContextStoppedEvent>{

public void onApplicationEvent(ContextStoppedEvent event) {

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

}

}

**MainController**

package com.ecommerce.controller;

import org.springframework.context.ApplicationContext;

import org.springframework.context.support.ClassPathXmlApplicationContext;

import org.springframework.stereotype.Controller;

import org.springframework.ui.ModelMap;

import org.springframework.web.bind.annotation.RequestMapping;

import org.springframework.web.bind.annotation.RequestMethod;

import com.ecommerce.beans.CustomEventPublisher;

@Controller

public class MainController {

@RequestMapping(value = "/customevent", method = RequestMethod.GET)

public String customEvent(ModelMap map)

{

String confFile = "main-servlet.xml";

ApplicationContext context = new ClassPathXmlApplicationContext(confFile);

CustomEventPublisher cvp =

(CustomEventPublisher) context.getBean("customEventPublisher");

cvp.publish();

cvp.publish();

return "customEvent";

}

}

**coustmEvent.jsp**

<%@ page language=*"java"* contentType=*"text/html; charset=UTF-8"*

pageEncoding=*"UTF-8"*%>

<!DOCTYPE html>

<html>

<head>

<meta charset=*"UTF-8"*>

<title>Custom Event</title>

</head>

<body>

Custom Event has been generated in the Java Console.

</body>

</html>

**Index.jsp**

<html>

<body>

<h2>Spring Application</h2>

<a href=*"customEvent.jsp"*>Custom Event Handling</a>

</body>

</html>

**Main-servlet.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"*

xmlns:aop=*"http://www.springframework.org/schema/aop"*

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

xmlns:jee=*"http://www.springframework.org/schema/jee"*

xmlns:lang=*"http://www.springframework.org/schema/lang"*

xmlns:p=*"http://www.springframework.org/schema/p"*

xmlns:tx=*"http://www.springframework.org/schema/tx"*

xmlns:util=*"http://www.springframework.org/schema/util"*

xsi:schemaLocation=*"http://www.springframework.org/schema/beans*

*http://www.springframework.org/schema/beans/spring-beans-2.5.xsd*

*http://www.springframework.org/schema/aop*

*http://www.springframework.org/schema/aop/spring-aop-2.5.xsd*

*http://www.springframework.org/schema/context*

*http://www.springframework.org/schema/context/spring-context-2.5.xsd*

*http://www.springframework.org/schema/tx*

*http://www.springframework.org/schema/tx/spring-tx-2.5.xsd"*>

<context:annotation-config />

<context:component-scan base-package=*"com.ecommerce.controller"* />

<bean id=*"jspViewResolver"*

class=*"org.springframework.web.servlet.view.InternalResourceViewResolver"*>

<property name=*"viewClass"*

value=*"org.springframework.web.servlet.view.JstlView"*></property>

<property name=*"prefix"* value=*"/WEB-INF/view/"*></property>

<property name=*"suffix"* value=*".jsp"*></property>

</bean>

<bean id=*"messageSource"*

class=*"org.springframework.context.support.ReloadableResourceBundleMessageSource"*>

<property name=*"basename"* value=*"classpath:messages"*></property>

<property name=*"defaultEncoding"* value=*"UTF-8"*></property>

</bean>

<bean id = *"startEventHandler"* class = *"com.ecommerce.beans.StartEventHandler"*/>

<bean id = *"stopEventHandler"* class = *"com.ecommerce.beans.StopEventHandler"*/>

<bean id = *"customEventListener"* class = *"com.ecommerce.beans.CustomEventListener"*/>

<bean id = *"customEventPublisher"* class = *"com.ecommerce.beans.CustomEventPublisher"*/>

<tx:annotation-driven />

</beans>

**Web.xml**

<!DOCTYPE web-app PUBLIC

"-//Sun Microsystems, Inc.//DTD Web Application 2.3//EN"

"http://java.sun.com/dtd/web-app\_2\_3.dtd" >

<web-app>

<display-name>Archetype Created Web Application</display-name>

</web-app>

