




















Step1: Create Maven Web Application (packaging style should be war)

- ▼  001HelloWorldMVC
 - ▼  src/main/java
 - ▼  com.balaji.controller
 - >  HelloController.java
 -  src/main/resources
 -  src/test/java
 -  src/test/resources
 - >  JRE System Library [J2SE-1.5]
 - >  Maven Dependencies
 -  target/generated-sources/annotations
 -  target/generated-test-sources/test-annotations
 - ▼  src
 - ▼  main
 - ▼  webapp
 - ▼  WEB-INF
 - ▼  spring
 -  spring.xml
 - ▼  views
 -  hello.jsp
 -  web.xml
 -  index.jsp
 -  test
 - >  target
 -  pom.xml
 - >  Servers

Step2: Add required dependencies

```
<dependencies>
  <dependency>
    <groupId>org.springframework</groupId>
    <artifactId>spring-webmvc</artifactId>
    <version>4.3.9.RELEASE</version>
  </dependency>
  <dependency>
    <groupId>org.springframework</groupId>
    <artifactId>spring-web</artifactId>
    <version>4.3.9.RELEASE</version>
  </dependency>
  <!-- Servlet -->
  <dependency>
    <groupId>javax.servlet</groupId>
    <artifactId>servlet-api</artifactId>
    <version>2.5</version>
    <scope>provided</scope>
  </dependency>
  <dependency>
    <groupId>javax.servlet.jsp</groupId>
    <artifactId>jsp-api</artifactId>
    <version>2.1</version>
    <scope>provided</scope>
  </dependency>
  <dependency>
    <groupId>javax.servlet</groupId>
    <artifactId>jstl</artifactId>
    <version>1.2</version>
  </dependency>
</dependencies>
```

step4: Create spring config file

Configure View Resolver

```
<?xml version="1.0" encoding="UTF-8"?>
<beans xmlns = "http://www.springframework.org/schema/beans"
  xmlns:context = "http://www.springframework.org/schema/context"
  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-4.0.xsd
http://www.springframework.org/schema/context
http://www.springframework.org/schema/context/spring-context-4.0.xsd">
  <context:component-scan
    base-package="com.balaji" />

  <!-- Resolves views selected for rendering by @Controllers to .jsp resources
    in the /WEB-INF/views directory -->
  <bean
    class="org.springframework.web.servlet.view.InternalResourceViewResolver">
    <property name="prefix" value="/WEB-INF/views/" />
    <property name="suffix" value=".jsp" />
  </bean>
</beans>
```

Step5: Create web.xml configure front controller

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://java.sun.com/xml/ns/javaee"
  xsi:schemaLocation="http://java.sun.com/xml/ns/javaee
http://java.sun.com/xml/ns/javaee/web-app_2_5.xsd"
  version="2.5">
  <display-name>001HelloWorldMVC</display-name>
  <welcome-file-list>
```

```

        <welcome-file>index.html</welcome-file>
    </welcome-file-list>
    <servlet>
        <servlet-name>spring</servlet-name>
        <servlet-class>
            org.springframework.web.servlet.DispatcherServlet
        </servlet-class>
        <init-param>
            <param-name>contextConfigLocation</param-name>
            <param-value>/WEB-INF/spring/spring.xml</param-value>
        </init-param>
        <load-on-startup>1</load-on-startup>
    </servlet>

    <servlet-mapping>
        <servlet-name>spring</servlet-name>
        <url-pattern>/</url-pattern>
    </servlet-mapping>
</web-app>

```

Step 6: Create Controller and JSP

/WEB-INF/views/

Hello.jsp

```

<%@ page language="java" contentType="text/html; charset=ISO-8859-1"
    pageEncoding="ISO-8859-1"%>
<!DOCTYPE html>
<html>
<head>
<meta charset="ISO-8859-1">
<title>Insert title here</title>
</head>
<body>
<h1>Hello World Balaji!</h1>
</body>
</html>

```

Step 7: Create Controller and Add handler mapping

```
package com.balaji.controller;
```

```
import org.springframework.stereotype.Controller;  
import org.springframework.web.bind.annotation.RequestMapping;  
import org.springframework.web.servlet.ModelAndView;
```

```
@Controller
```

```
public class HelloController {
```

```
    @RequestMapping("/hello")
```

```
    public ModelAndView sayHello() {
```

```
        return new ModelAndView("hello");
```

```
    }
```

```
}
```

