

MVC Starter Files

MVC i.e, Model view controller where Model consist of Dispatcher servlet and spring configuration files. Both are the two starter files every Spring MVC application requires.

Web.xml— Dispatcher Servlet.

Servlet.xml—used for Spring configuration.

Web.xml file-

```
<?xml version="1.0" encoding="UTF-8"?>
<web-app xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
  xmlns="http://xmlns.jcp.org/xml/ns/javaee"
  xsi:schemaLocation="http://xmlns.jcp.org/xml/ns/javaee
http://xmlns.jcp.org/xml/ns/javaee/web-app_3_1.xsd"
  id="WebApp_ID" version="3.1">
  <display-name>spring-mvc-demo</display-name>
  <absolute-ordering />
  <!-- Spring MVC Configs -->
  <!-- Step 1: Configure Spring MVC Dispatcher Servlet -->
  <servlet>
    <servlet-name>dispatcher</servlet-name>

<servlet-class>org.springframework.web.servlet.DispatcherServlet</servlet-class>
  <init-param>
    <param-name>contextConfigLocation</param-name>

<param-value>/WEB-INF/spring-mvc-demo-servlet.xml</param-value>
    </init-param>
    <load-on-startup>1</load-on-startup>
  </servlet>
  <!-- Step 2: Set up URL mapping for Spring MVC Dispatcher Servlet -->
  <servlet-mapping>
    <servlet-name>dispatcher</servlet-name>
    <url-pattern>/</url-pattern>
  </servlet-mapping>
</web-app>
```

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Spring configuration .xml file name is mentioned in web.xml (in this case spring-mvc-demo) which needs extension of -servlet.xml. So, spring configuration file to be named as

Spring-mvc-demo-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:context="http://www.springframework.org/schema/context"
       xmlns:mvc="http://www.springframework.org/schema/mvc"
       xsi:schemaLocation="
           http://www.springframework.org/schema/beans
           http://www.springframework.org/schema/beans/spring-beans.xsd
           http://www.springframework.org/schema/context
           http://www.springframework.org/schema/context/spring-context.xsd
           http://www.springframework.org/schema/mvc
           http://www.springframework.org/schema/mvc/spring-mvc.xsd">
    <!-- Step 3: Add support for component scanning -->
    <context:component-scan base-package="com.eculant.mvc" />
    <!-- Step 4: Add support for conversion, formatting and validation
support -->
    <mvc:annotation-driven/>
    <!-- Step 5: Define Spring MVC view resolver -->
    <bean
class="org.springframework.web.servlet.view.InternalResourceViewResolver">
        <property name="prefix" value="/WEB-INF/view/" />
        <property name="suffix" value=".jsp" />
    </bean>
</beans>
```

Further steps:

Go to: [Entity Class](#)
[Controller Classes](#)
[jsp files](#) .