

How to upload file with SpringMVC

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- Upload file with SpringMVC

Configurations

Code JSP, Model

Code Controller

Configure file “/pom.xml”

```
<dependency>
```

```
<groupId>commons-fileupload</groupId>
```

```
<artifactId>commons-fileupload</artifactId>
```

```
<version>1.3.1</version>
```

```
<!-- make sure correct version here -->
```

```
</dependency>
```

Configure “root-context.xml”

- File “/src/main/webapp/WEB-INF/spring/root-context.xml”

```
<bean id="multipartResolver"
```

```
    class="org.springframework.web.multipart.commons.CommonsMultipartResolver">
```

```
        <property name="maxUploadSize" value="10000000" />
```

```
</bean>
```

Configure log4j

➤ File “/src/main/resources/log4j.xml”

```
<!-- Application Loggers -->
```

```
<logger name="m.k.s">
```

```
<level value="debug" />
```

```
</logger>
```

JSP

```
<form:form action="upload" method="POST"
    enctype="multipart/form-data" modelAttribute="model">
Video tile: <form:input path="videoTitle"/>
<input type="file" name="videoFile"/>
<br/>
<input type="submit" name="Upload" value="Upload">
</form:form>
```

Model

```
public class VideoUploadModel implements Serializable {  
    private String videoTitle;  
    private MultipartFile videoFile;  
  
    // setters, getters methods  
    //...  
}
```

Controller

```
@RequestMapping(value = "/upload", method = RequestMethod.POST)
public ModelAndView upload(@ModelAttribute("model") VideoUploadModel
    videoModel, BindingResult bindingResult) {
    // ...
    if (bindingResult.hasErrors()) {
        logger.error("Binding has errors: " + bindingResult.getErrorCount());
        // Logging errors
    } else {
        // Logging upload file and title
        logger.debug("Video title: " + videoModel.getVideoTitle());
        logger.debug("Video size (bytes): " + videoModel.getVideoFile().getSize());
    }

    return mav;
}
```