

# Receiving and Processing File Uploads

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# Module Overview



Creating a File upload Form

Preparing Backend Servlet

# Receiving and Processing File Uploads

- ▲ Before Java EE6, applications usually have to use an external library to handle file uploads
- ▲ Java EE6 provides built-in File Upload API

## Runtime Requirement

Java EE6 with Servlet 3.0

Server: Apache Tomcat 7.0

```
<form method="post" enctype="multipart/form-data" >  
    <input name="file" type="file" multiple/>  
  
</form>
```

## Creating a File Upload Form

Points to remember

Demo



Creating a File Upload Form

# Preparing Backend Servlet

-For File Uploading

MultipartConfig

Part Interface

```
@MultipartConfig(  
    fileSizeThreshold= 1024*1024*2,  
    location= "C:\PluralsightDemos",  
    maxFileSize= 1024*1024*10,  
    maxRequestSize= 1024*1024*50  
)  
public class UploadServlet extends HttpServlet{  
  
}
```

MultipartConfig Annotation



## Part Interface

-Represents a part in a multipart/form-data

`getInputStream()`

`getSize()`

`write(string filename)`

## HttpServletRequest Methods

-To Support File Uploading

getParts()

getPart(String name)

Demo



Preparing Backend Servlet

# Summary



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