

Uploading Files

Image, Audio, Video & PDF



Lecture 4

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OUTLINES

- **Configure the "php.ini" File**
- **Upload File**
 - **Step1: Check if the Directory exist(uploaded) folder**
 - **Step2: Check if the File Already Exists**
 - **Step2: check the file size**
 - **Step3: check file type**
 - **Step4: uploaded file**

CONFIGURE THE "PHP.INI" FILE

- Before uploading files make sure that the PHP is configured it.
- Find "**php.ini**" file by right clicking on the **Config** button of the Apache Server and choose "php.ini" file.
- Then, search for the **file_uploads** directive , and set it to on:
file_uploads=on
- This file is also configured when we want to upload more than 2mb files and upload maximum post and some more changes in the "**php.ini**" file settings.

CREATE THE HTML FORM

- Example1: Uploading Image File

```
<form action="" method="post" enctype="multipart/form-data">
```

Select image to upload:

```
<input type="file" name="fileToUpload" id="fileToUpload">
```

```
<input type="submit" value="Upload Image" name="submit">
```

```
</form>
```

- enctype="multipart/form-data" attribute is used to specify which content-type to use when submitting the form

Create The Upload File PHP Script

STEP1: CHECK IF THE DIRECTORY EXIST(UPLOADED) FOLDER

// Check if the Directory exist(uploaded) folder where we want to upload images

```
$dir="uploaded/";
```

```
if(!is_dir($dir)) {
```

```
    echo "directory not found, create the uploaded folder";
```

```
    mkdir($dir);
```

```
}
```

- **is_dir** function checks whether the filename is directory.
- **mkdir** function is used to make a directory.

STEP2: CHECK IF FILE ALREADY EXISTS

```
// Check if file already exists
```

```
if (file_exists($target_file))  
{  
    echo "Sorry, file already exists.<br>";  
    $upload = 0;  
}
```

- if the file already exists in the "uploaded" folder. The error message is displayed, and \$upload is set to 0:

STEP3: CHECK THE FILE SIZE

```
// Check file size
```

```
if ($_FILES["fileToUpload"]["size"] > 2097152)
```

```
{ echo "Sorry, your file is too large.";
```

```
$upload = 0;}
```

- If the file is larger than 2MB, an error message is displayed, and \$upload is set to 0.

STEP4: CHECK THE FILE TYPES

1. Image Files
2. Audio Files
3. Video Files
4. PDF Files

STEP4:1. CHECK (IMAGE) FILE TYPE

// Allow the following file

```
$imageFileType=$_FILES['fileToUpload']['type'];  
  
if($imageFileType != "image/jpg" && $imageFileType != "image/png" &&  
    $imageFileType != "image/jpeg"&& $imageFileType != "image/gif" )  
{    echo "Sorry, only JPG, JPEG, PNG & GIF files are allowed.<br>";  
    $upload = 0;}
```

- Only allows users to upload JPG, JPEG, PNG, and GIF files

STEP4:2. CHECK (AUDIO) FILE TYPE

// Allow the following file

```
$AudioFileType=$_FILES['fileToUpload']['type'];
```

```
if($AudioFileType!= "audio/mp3" && $AudioFileType!= "audio/ogg")
```

```
{   echo "Sorry, only mp3 & ogg files are allowed.<br>";
```

```
    $upload = 0;}
```

- Only allows users to upload mp3 and ogg audio files

STEP4:3. CHECK (VIDEO) FILE TYPE

// Allow the following file

```
$VideoFileType=$_FILES['fileToUpload']['type'];  
  
if($VideoFileType!= "video/mp4" && $VideoFileType!= "video/avi" &&  
$VideoFileType!= "video/mov"&& $VideoFileType!= "video/3gp" &&  
    $VideoFileType!= "video/mpeg")  
{  
    echo "Sorry, only mp4, avi, mov, 3gp & mpeg files are allowed.<br>";  
    $upload = 0; }  
}
```

- Only allows users to upload mp4, avi, mov, 3gp & mpeg video file types.

STEP4: 4. CHECK (PDF) FILE TYPE

// Allow the following file

```
$imageFileType=$_FILES['fileToUpload']['type'];
```

```
if($imageFileType != " application/pdf ")
```

```
{ echo "Sorry, onlyPDF files are allowed.<br>"; $upload = 0;}
```

- Only allows users to upload PDF files

STEP4: UPLOADED FILE

```
// Check if $upload is set to 0 by an error
if($upload == 0)
{   echo "Sorry, your file was not uploaded.<br>";}
// if everything is ok, try to upload file
else{
$name=$_FILES['fileToUpload']['name'];
$tmp=$_FILES['fileToUpload']['tmp_name'];
$result=move_uploaded_file($tmp,"uploaded/".$name);
if($result==True)
{   echo "The file ".$name. " has been uploaded Successfully.<br>";}

else    echo "Sorry, there was an error uploading your file.<br>";
}
```

Example1:

Uploading a single File into the (uploaded) Folder

Example2:

Uploading Multiple Files into the (uploaded) Folder

Example3:

Uploading a single File into the (uploaded) Folder With Conditions

Example4:

Uploading Multiple Files into the (uploaded) Folder With Conditions