



Online PHP Guide

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PHP Advanced

PHP File Upload

PHP file upload tutorial will explain you **How to upload a file in P**

An exceptionally useful aspect of PHP is its capability to maintain **f** HTML Form for uploading a **file**.

HTML Form for uploading a file:

For uploading a **file**, you must first build an HTML form that lets use upload.html

```
<form enctype="multipart/form-data" action="uploader.php" method="POST">
<input type="hidden" name="MAX_FILE_SIZE" value="100000" />
Choose a file to upload:
<input name="uploadedfile" type="file" /><br />
<input type="submit" value="Upload File" />
</form>
```

Here is a brief description of the important parts of the above code

- **enctype="multipart/form-data"** - The enctype attribute of the tag specifies which content-type to use when submitting the form. ' when a form requires binary data, like the contents of a file, to be u
- **action="uploader.php"** - The name of our PHP page that will be c
- **method="POST"** - Informs the browser that we want to send infori POST.
- **input type="hidden" name="MAX_FILE_SIZE"** - Sets the maxim bytes, that can be uploaded. We have set the max file size to 100K
- **input name="uploadedfile"** - The type="file" attribute of the <input input should be processed as a file. For example, when viewed in a browse-button next to the input field.

After the user clicks submit, the data will be posted to the server ar

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redirected to uploader.php.

Upload PHP script for uploading file:

When the uploader.php file is executed, the uploaded file exists in : on the server.

If the file is not moved to a different location it will be destroyed! To are going to need to make use of the \$_FILES associative array.

The \$_FILES array is where PHP stores all the information about f elements of this array that we will need to understand for this exam

- **uploadedfile** - uploadedfile is the reference we assigned in our HT to tell the \$_FILES array which file we want to play around with.
- **\$_FILES['uploadedfile']['name']** - name contains the original path
- **\$_FILES['uploadedfile']['tmp_name']** - tmp_name contains the p; resides on the server. The file should exist on the server in a temp; temporary name.

Now we can finally start to write a basic PHP upload manager scrip; Here is how we would get the temporary file name, choose a perm; place to store the file.

uploader.php

```
<?php
// Where the file is going to be placed
$target_path = "uploads/";
/* Add the original filename to our target path. Result is "upl
$target_path = $target_path . basename( $_FILES['uploadedfile']
$_FILES['uploadedfile']['tmp_name'];
?>
```

NOTE: You will need to create a new directory in the directory whe called "uploads", as we are going to be saving files there.

We now have all we need to successfully save our file to the serve path where we want to save our file to.

Restrictions on uploading file

In this script we add some restrictions to the file upload. The user r files and the file size must be under 20 kb:

uploader.php

```
<?php
if ((($_FILES["file"]["type"] == "image/gif")
|| ($_FILES["file"]["type"] == "image/jpeg")
|| ($_FILES["file"]["type"] == "image/pjpeg"))
&& ($_FILES["file"]["size"] < 20000))
```

```

{
    // Where the file is going to be placed
    $target_path = "uploads/";
    /* Add the original filename to our target path. Result is "uploads/filename.extension" *
    $target_path = $target_path . basename( $_FILES['uploadedfile']['name']);
    $_FILES['uploadedfile']['tmp_name'];
}
else
{
    echo "Invalid file";
}
?>

```

Saving a file using PHP move_uploaded_file() function

Now all we have to do is call the **PHP move_uploaded_file** function and let PHP do its magic. The move_uploaded_file function needs to know 1) The path of the temporary file 2) The path where it is to be moved to.

uploader.php

```

<?php
if (($FILES["file"]["type"] == "image/gif")
    || ($FILES["file"]["type"] == "image/jpeg")
    || ($FILES["file"]["type"] == "image/pjpeg"))
    && ($FILES["file"]["size"] < 20000))
{
    $target_path = "uploads/";
    $target_path = $target_path . basename( $_FILES['uploadedfile']['name']);
    if(move_uploaded_file($_FILES['uploadedfile']['tmp_name'], $target_path))
    {
        echo "The file ". basename( $_FILES['uploadedfile']['name'])." has been uploaded";
    }
    else
    {
        echo "There was an error uploading the file, please try again!";
    }
}
else
{
    echo "Invalid file";
}
?>

```

If the **upload is successful**, then you will see the text **"The file filename has been uploaded"**.

This is because **move_uploaded_file** returns true if the file was moved, and false if it had a problem.

If there **was a problem** then the error message **"There was an error uploading the file, please try again!"** would be displayed.

<< PHP File

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FAQ's on PHP file upload:

How to upload file in PHP?

How does \$_FILE variable work in PHP?

What is purpose of move_uploaded_file in PHP?

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