CTIS 256 Web Technologies II

Note # 10 – File Uploading Serkan GENÇ

POST Request (form data)

Member Form

Name Lastname

Ali Gül

Department

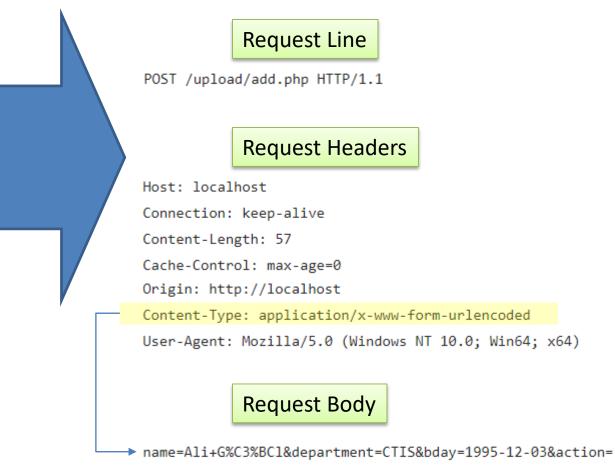
CTIS

Birthday

1995-12-03







x-www-form-urlencoded : only for form data

POST Request (form data)

Member Form

Name Lastname
Ali Gül

Department
CTIS

Birthday



1995-12-03

```
<form action="add.php" method="post" enctype="multipart/form-data">
    <div class="input-field">
    <input name="name" id="name" type="text" class="validate">
    <label for="name">Name Lastname</label>
    </div>
    <div class="input-field">
    <input name="department" id="department" type="text" class="validate">
    <label for="department">Department</label>
    </div>
    <div class="input-field">
    <input name="bday" id="bday" type="text" class="validate">
    <label for="bday">Birthday</label>
    </div>
    <button class="btn waves-effect waves-light" type="submit" name="action">Send
    <i class="material-icons right">send</i>
    </button>
</form>
```

Request Line

POST /upload/add.php HTTP/1.1

Request Headers

Host: localhost

Connection: keep-alive

Content-Length: 438

Cache-Control: max-age=0
Origin: http://localhost

Content-Type: multipart/form-data; boundary=----WebKitFormBoundary

Request Body

-----WebKitFormBoundaryJA5FR3kguKv5JXoD

Content-Disposition: form-data; name="name"

Ali GÜL

-----WebKitFormBoundaryJA5FR3kguKv5JXoD

Content-Disposition: form-data; name="department"

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-----WebKitFormBoundaryJA5FR3kguKv5JXoD

Content-Disposition: form-data; name="bday"

1999-09-19

file_uploods=on php. Inv > FILE UPLOADING upload_tmp_dir="c:\wamp64\tmp" upload-max-filesize = 5M max-file-uploads = 10 post-max-size = 20M Web Server (Apache) Web Client (Browser) POST WS POST HTTP REQUEST Request Line } POST insert.php HTTP/1.1 Host: localhost Request Content-Tupe: multiport /form-data; burday= Name: ali header Content-Length: 7365 c:/wamp64/tmp/php7138.tmp Profile: File (1) photo, pp Upload --- Web Kit Boundary BFK135 V Content - Disposition: form-dat gname= Username body form-data <form action="insert.php" method="post" \$-POST["username"] -- Webkit Boundary 8FK135 \$-FILES["profile"] enctype = "multipart/form-data"> Content-Disposition: form-data; pane = profile; file #1 filename = "photo. Jpg" <input type="text" name="username"> Content-Type: image/JP9 913c76573ctAx3w insert.php --- (base 64 encoded binary data) <input type="file" name="profile"> uses \$-POST <input type="submit" value="Upload"> \$-FILES Lother php script moves temporary files into 2/form>

application folder.

* anctype = "application/x-www-form-urlencoded" by defaut.

\$_FILES

- \$_FILES["file_box_name"]["name"] : actual filename
- \$_FILES["file_box_name"]["type"] : mime type of the file
 - mime type: image/jpeg, application/pdf, application/vnd.rar
- \$_FILES["file_box_name"]["tmp_name"] : temporary file name
- \$_FILES["file_box_name"]["error"] : upload error code
 - UPLOAD ERR OK: 0
 - UPLOAD_ERR_INI_SIZE: 1
 - UPLOAD_ERR_FORM_SIZE: 2
 - UPLOAD ERR NO TMP DIR: 6
 - UPLOAD_ERR_CANT_WRITE: 7
 - UPLOAD_ERR_EXTENSION: 8
 - UPLOAD_ERR_PARTIAL: 3
- \$_FILES["file_box_name"]["size"] : file size in bytes.

move_uploaded_file

```
(PHP 4 >= 4.0.3, PHP 5, PHP 7, PHP 8)
move_uploaded_file — Moves an uploaded file to a new location
```

Description

```
move_uploaded_file ( string $from , string $to ) : bool
```

This function checks to ensure that the file designated by **from** is a valid upload file (meaning that it was uploaded via PHP's HTTP POST upload mechanism). If the file is valid, it will be moved to the filename given by **to**.

This sort of check is especially important if there is any chance that anything done with uploaded files could reveal their contents to the user, or even to other users on the same system.

```
if (move_uploaded_file( $tmpfile, "./uploads/{$filename} ) ) {
  echo "File Uploaded";
}
```