

# Examples 3 and 4 that use the second approach: upload files when the form is submitted

We used examples 1 and 2 from the previous page as a basis for two further examples:

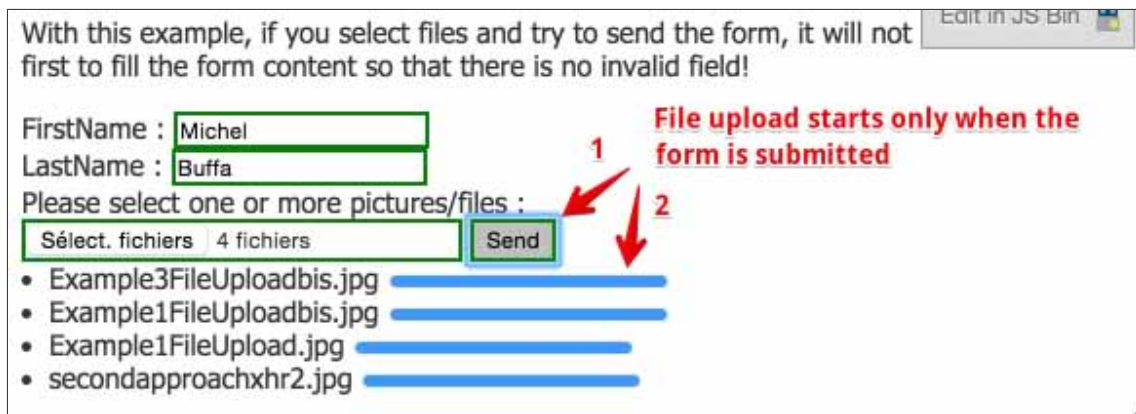
1. one that uses only a file selector,
2. one that uses drag and drop.

## SECOND APPROACH: UPLOADING EVERYTHING AT ONCE

### Example 3: using a file selector (<input type="file">)

This time, we add the files to an HTML5 `FormData` object before sending XHR2 Ajax requests to the server (one for each file + one for the rest of the form). The uploads only start once the form is submitted.

You can [try this example at JSBin](#), and look at the source code and comments for details.



The screenshot shows a web form with the following elements:

- Text: "With this example, if you select files and try to send the form, it will not first to fill the form content so that there is no invalid field!"
- Text input: "FirstName : Michel" (highlighted with a green box).
- Text input: "LastName : Buffa" (highlighted with a green box).
- Text: "Please select one or more pictures/files :"
- File selector: "Sélect. fichiers 4 fichiers" (highlighted with a green box).
- Submit button: "Send" (highlighted with a green box).
- File list:
  - Example3FileUploadbis.jpg
  - Example1FileUploadbis.jpg
  - Example1FileUpload.jpg
  - secondapproachxhr2.jpg

Two red arrows point to the "Send" button and the file list. Arrow 1 points to the "Send" button, and arrow 2 points to the file list. A red text box says: "File upload starts only when the form is submitted".

### Example 4: using drag and drop

Same behavior as example 3, but this time using drag and drop.

[Try the example at JSBin](#) and look at source code and comments.

With this example, drag'n'drop files, fill the form, and the file uploads will start only when the submit button is pressed!

FirstName :   
LastName :

**You can drop files any time  
before submitting the form**

**Drop files here**

1. test.html
2. Chansons Jean.rtf
3. HTML5-CSS3.pptx

**File upload starts only when the form is submitted.**

## PHP CODE FOR EXAMPLES 3 AND 4 (WITH AND WITHOUT DRAG AND DROP, THE PHP IS THE SAME)

This code is given "as is". The principle is the same as with examples 1 and 2 from the previous section, except that this time we do not have to deal with a temporary "RecycleBin" directory.

```
<?php
if (isset($_POST['firstname']) &&isset($_POST['lastname'])) {
    echo $_POST['firstname'] . ' ' . $_POST['lastname'] . ' try to
upload
    file(s).';
}
$folderName = date("m.d.Y");
if (!is_dir('upload/'.$folderName)) {
    mkdir('upload/'.$folderName);
11. }
$fn = (isset($_SERVER['HTTP_X_FILENAME']) ?
$_SERVER['HTTP_X_FILENAME'] :
false);
if ($fn)
{
    file_put_contents('upload/' . $folderName . '/' . $fn,
                    file_get_contents('php://input'));
    echo "$fn uploaded";
    exit();
}
```

```

}
else {
23.     if (isset($_FILES) && is_array($_FILES) && array_key_exists('formFiles',
24.                                     $_FILES)) {
        $number_files_send = count($_FILES['formFiles']['name']);
        $dir = realpath('.') . '/upload/' . $folderName . '/';
        if ($number_files_send > 0) {
            for ($i = 0; $i < $number_files_send; $i++) {
                echo '<br/>Reception of : ' . $_FILES['formFiles']
['name'][$i];
                $copy = move_uploaded_file($_FILES['formFiles']
['tmp_name']
                [$i], $dir . $_FILES['formFiles']['name'][$i]);
                if ($copy) {
                    echo '<br />File ' . $_FILES['formFiles']['name']
[$i] .
                    ' copy';
36.             }
            else {
                echo '<br />No file to upload';
            }
        }
    }
}
?>

```