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

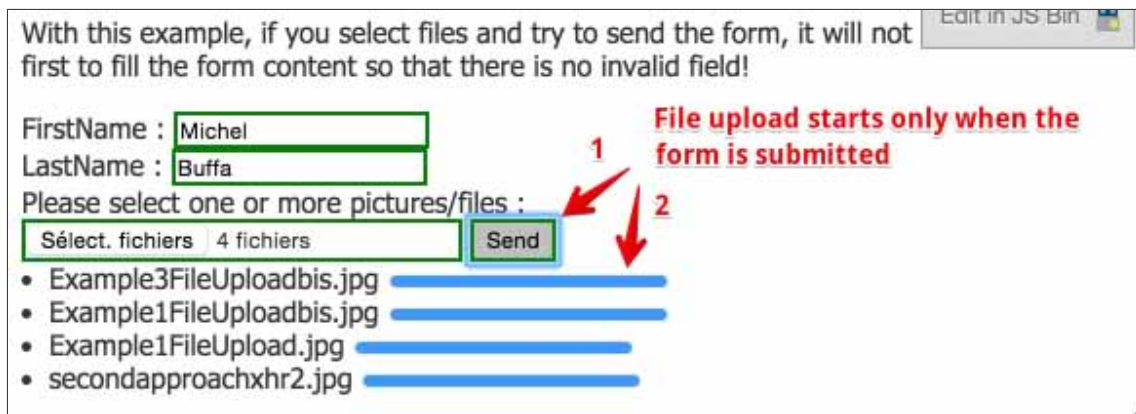We used examples 1 and 2 from the previous page as a basis for two further examples:

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.

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 : Michel
LastName : Buffa

You can drop files any time before submitting the form

Drop files here

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

Send   **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
<?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();
```

```php
        }
    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';
                }
            }
        }
    }
}
?>
```