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## Drag and Drop Multiple File upload in Laravel 7 using Dropzone.js

[Webslesson](#) 05:22 [Bootstrap](#), [drag drop upload](#), [dropzone](#), [dropzone js](#), [image preview upload](#), [image upload](#), [jQuery](#), [laravel](#), [laravel ajax upload](#), [laravel drag drop upload](#), [laravel file upload](#), [laravel filesystem](#), [upload progressbar](#) [6 comments](#)

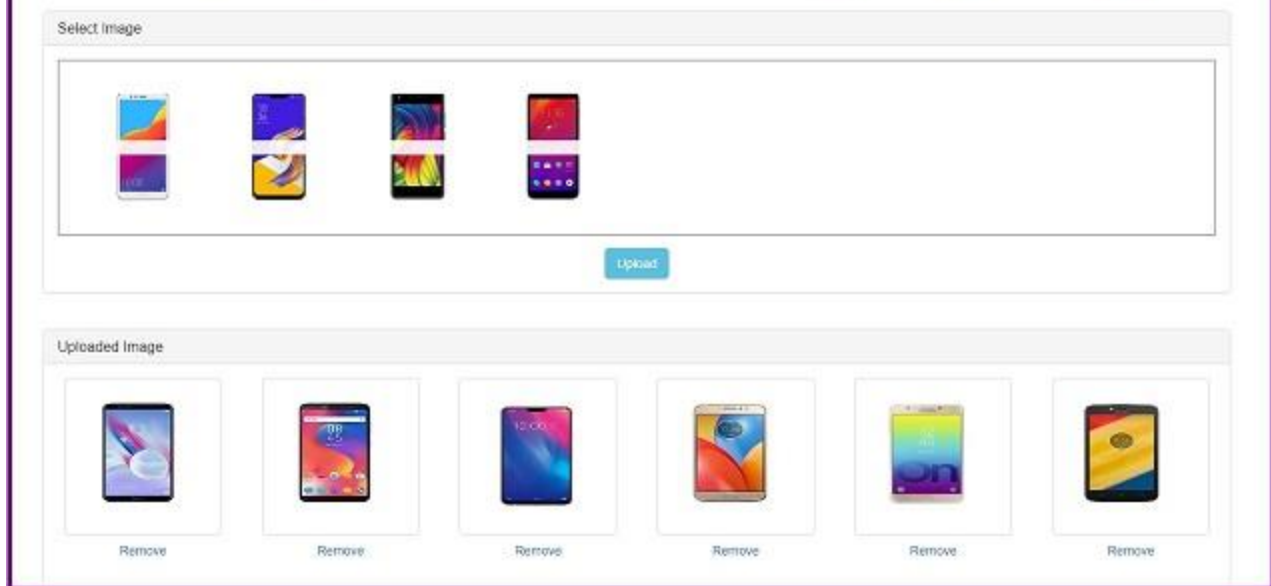
In this tutorial, We have define How can we use Dropzone.js library for drag and drop multiple image file upload in Laravel 7 framework. If you are looking for learn How to upload multiple image using Dropzone.js library with Laravel 7 framework. Then you have come on the right place, where we have make this tutorial in which we have describe step by step tutorial on implementing Dropzone.js library with Laravel 7 framework for upload drag and drop image under Laravel public directory. In this tutorial, we have not only learn you how to upload image in Laravel 7 framework by using Dropzone.js library but also we have describe how to display images from Laravel public directory with remove image link.

Dropzone.js library is the jQuery plugin and by using this plugin we can select image one by one with image preview. By using this plugin, when we have select image from our local computer then first Dropzone.js plugin has display image preview on web page before uploading of image. By using Dropzone plugin, we can validate maximum uploading of image or file, we can define image or extension for validation. Dropzone is very famous, open source library, which we can use at free of cost. This library has provide feature like drag and drop upload multiple files or multiple image with preview of image.

Here we have use Dropzone.js library with Laravel 7 framework and make simple Laravel application for upload multiple file with drag and drop image upload feature. For upload image with preview image in Laravel framework, we have use Dropzone.js library. By using this library we have develop laravel application with drag and drop image upload feature. Once image has been uploading in Laravel public folder, then after we have fetch image from Laravel public folder and display on web page. At the last of tutorial, you can also find how to delete or remove image from Laravel public folder in Laravel framework. In this tutorial, we have use Ajax with Laravel 7 framework for fetch and display image from Laravel public directory and for delete or remove image in Laravel framework. Below you can find step by step process for how to use Dropzone.js library in Laravel 7 framework.

1. Install Laravel 7 framework
2. Create Controller in Laravel 7
3. Create View File in Laravel 7
4. Set Route
5. Run Laravel 7 Application

# Image Upload in Laravel using Dropzone.js



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## Step1 - Install Laravel 7 framework

If you have decided to use Laravel framework for web development. Then first we have make download and install Laravel 7 framework. For this we have to go command prompt and first run **composer**, this is because Laravel framework dependency has been manage by composer. After this we have go directory in which we want to download and install Laravel 7 framework and write following command.

```
composer create-project --prefer-dist laravel/laravel laravel7
```

This command will download and install Laravel 7 framework in define directory.

## Step2 - Create Controller in Laravel 7

After download and installing of Laravel 7 framework, In this post first we want to make controller for handle http request. In Laravel 7 framework controller class has been store in **app/Http/Controllers** folder. All controller file will be store under this folder. For create new controller class, we have to go command prompt and write following command.

```
php artisan make:controller DropzoneController
```

This command will make **DropzoneController.php** class in **app/Http/Controllers** folder. For upload drag and drop image upload in Laravel 7 framework using Dropzone.js plugin, we have make following method in this controller class.

**index()** - This is root method of this controller class, and it will load **dropzone.blade.php** view file in browser.

**upload(Request \$request)** - This method will received upload image request from Dropzone.js plugin. This method will upload image in Laravel public directory.

**fetch()** - This method will received ajax request for fetch images from Laravel public folder and send image data to ajax request which will be display on web page.

**delete(Request \$request)** - This method also received ajax request for delete or remove image from Laravel public folder. This method will received image name and based on image name it will delete or remove image from Laravel public directory.

**app/Http/Controllers/DropzoneController.php**

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class DropzoneController extends Controller
{
    function index()
    {
        return view('dropzone');
    }

    function upload(Request $request)
    {
        $image = $request->file('file');

        $imageName = time() . '.' . $image->extension();
```

```

        $image->move(public_path('images'), $imageName);

        return response()->json(['success' => $imageName]);
    }

    function fetch()
    {
        $images = \File::allFiles(public_path('images'));
        $output = '<div class="row">';
        foreach($images as $image)
        {
            $output .= '
                <div class="col-md-2" style="margin-bottom:16px;" align="center">
                    
                    <button type="button" class="btn btn-link remove_image"
id="'. $image->getFilename().'">Remove</button>
                </div>
            ';
        }
        $output .= '</div>';
        echo $output;
    }

    function delete(Request $request)
    {
        if($request->get('name'))
        {
            \File::delete(public_path('images/' . $request->get('name')));
        }
    }
}
?>

```

### Step3 - Create View File in Laravel 7

In Laravel framework, View file has been used for display HTML output in browser. In this file we have include jQuery, Bootstrap and Dropzone.js library url. In this file we have use Dropzone.js plugin for drag and drop upload image file in Laravel framework. Once image has been uploaded, then in this file we have write Ajax request for fetch images from Laravel public directory and display on web page. And Same way for delete image from Laravel public folder, here also we have write Ajax request for delete image from Laravel public directory. Below you can find source code of **dropzone.blade.php** file.

**resources/views/dropzone.blade.php**

```

<html>
<head>
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <title>Image Upload in Laravel using Dropzone</title>
  <script src="https://ajax.googleapis.com/ajax/libs/jquery/2.2.0/jquery.min.js"></script>
  <link rel="stylesheet"
href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.6/css/bootstrap.min.css" />
  <link rel="stylesheet" href="https://cdnjs.cloudflare.com/ajax/libs/dropzone/5.5.1/dropzone.css"
/>
  <script src="https://cdnjs.cloudflare.com/ajax/libs/dropzone/5.5.1/dropzone.js"></script>
</head>
<body>
  <div class="container-fluid">
    <br />
    <h3 align="center">Image Upload in Laravel using Dropzone</h3>
    <br />

    <div class="panel panel-default">
      <div class="panel-heading">
        <h3 class="panel-title">Select Image</h3>
      </div>
      <div class="panel-body">
        <form id="dropzoneForm" class="dropzone" action="{{ route('dropzone.upload') }}">
          @csrf
        </form>
        <div align="center">
          <button type="button" class="btn btn-info" id="submit-all">Upload</button>
        </div>
      </div>
    </div>
    <br />
    <div class="panel panel-default">
      <div class="panel-heading">
        <h3 class="panel-title">Uploaded Image</h3>
      </div>
      <div class="panel-body" id="uploaded_image">

        </div>
      </div>
    </div>
  </body>
</html>

<script type="text/javascript">

Dropzone.options.dropzoneForm = {

```

```

autoProcessQueue : false,
acceptedFiles : ".png,.jpg,.gif,.bmp,.jpeg",

init:function(){
    var submitButton = document.querySelector("#submit-all");
    myDropzone = this;

    submitButton.addEventListener('click', function(){
        myDropzone.processQueue();
    });

    this.on("complete", function(){
        if(this.getQueuedFiles().length == 0 && this.getUploadingFiles().length == 0)
        {
            var _this = this;
            _this.removeAllFiles();
        }
        load_images();
    });

}

};

load_images();

function load_images()
{
    $.ajax({
        url:"{{ route('dropzone.fetch') }}",
        success:function(data)
        {
            $('#uploaded_image').html(data);
        }
    })
}

$(document).on('click', '.remove_image', function(){
    var name = $(this).attr('id');
    $.ajax({
        url:"{{ route('dropzone.delete') }}",
        data:{ name : name},
        success:function(data){
            load_images();
        }
    })
});
</script>

```

## Step4 - Set Route

In next step we have to set route of all **DropzoneController.php** controller method. For this we have to open **routes/web.php** file and in this file we have to set route of all controller method.

**routes/web.php**

```
Route::get('/', function () {
    return view('welcome');
});

Route::get('dropzone', 'DropzoneController@index');

Route::post('dropzone/upload', 'DropzoneController@upload')->name('dropzone.upload');

Route::get('dropzone/fetch', 'DropzoneController@fetch')->name('dropzone.fetch');

Route::get('dropzone/delete', 'DropzoneController@delete')->name('dropzone.delete');
```

## Step5 - Run Laravel 7 Application

Once your all code is ready and have you set route of all controller method, then at last we have to run Laravel 7 server. For this we have to go command prompt and write following command.

```
php artisan serve
```

This command will start Laravel 7 server and return you base url of your Laravel 7 application. If you want to run above code, you have to write following url in browser.

<http://127.0.0.1:8000/dropzone>