

ng2-file-upload

The Angular2 File Upload directives

View on GitHub (<https://github.com/valor-software/ng2-file-upload>)

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Getting started

First of all, Welcome!

Install

Install the components

```
npm install ng2-file-upload --save
```

Simple

Select files

Base drop zone

Another drop zone

Multiple

Choose Files No file chosen

Single

Choose file


No file chosen


Upload queue


Queue length: 0

Name	Size	Progress	Status	Actions
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Queue progress:

 Upload all

 Cancel all

 Remove all

Response

- Markup
- TypeScript
- Backend Demo

```
1. /*eslint-disable*/
2. var express = require('express');
3. var multer = require('multer');
4. var fs = require('fs');
5. var app = express();
6.
7. var DIR = './uploads/';
8.
9. var upload = multer({dest: DIR});
10.
11. app.use(function (req, res, next) {
12.   res.setHeader('Access-Control-Allow-Origin', 'http://valor-software.github.io'
13. );
14.   res.setHeader('Access-Control-Allow-Methods', 'POST');
15.   res.setHeader('Access-Control-Allow-Headers', 'X-Requested-With,content-type'
16. );
17.   res.setHeader('Access-Control-Allow-Credentials', true);
18.   next();
19. });
20.
21. app.use(multer({
22.   dest: DIR,
23.   rename: function (fieldname, filename) {
24.     return filename + Date.now();
25.   },
26.   onFileUploadStart: function (file) {
27.     console.log(file.originalname + ' is starting ...');
28.   },
29.   onFileUploadComplete: function (file) {
30.     console.log(file.fieldname + ' uploaded to ' + file.path);
31.   }
32. }));
33.
34. app.get('/api', function (req, res) {
35.   res.end('file catcher example');
36. });
37.
38. app.post('/api', function (req, res) {
39.   upload(req, res, function (err) {
40.     if (err) {
41.       return res.end(err.toString());
42.     }
43.     res.end('File is uploaded');
44.   });
45. });
46.
47. var PORT = process.env.PORT || 3000;
48.
49. app.listen(PORT, function () {
50.   console.log('working on port ' + PORT);
51. });
```

API

Usage

```
import { FileSelectDirective, FileDropDirective, FileUploader } from 'ng2-file-upload/ng2-file-upload';
```

Annotations

```
// class FileSelectDirective
@Directive({ selector: '[ng2FileSelect]' })
```

```
// class FileDropDirective
@Directive({ selector: '[ng2FileDrop]' })
```

FileSelect API

Properties

- `uploader` - (`FileUploader`) - uploader object. See using in demo (<https://github.com/valor-software/ng2-file-upload/blob/master/demo/components/file-upload/simple-demo.ts>)

Parameters supported by this object:

1. `url` - URL of File Uploader's route
2. `authToken` - auth token that will be applied as 'Authorization' header during file send.
3. `disableMultipart` - If 'true', disable using a multipart form for file upload and instead stream the file. Some APIs (e.g. Amazon S3) may expect the file to be streamed rather than sent via a form. Defaults to false.
4. `itemAlias` - item alias (form name redefinition)
5. `formatDataFunction` - Function to modify the request body. 'DisableMultipart' must be 'true' for this function to be called.
6. `formatDataFunctionIsAsync` - Informs if the function sent in 'formatDataFunction' is asynchronous. Defaults to false.
7. `parametersBeforeFiles` - States if additional parameters should be appended before or after the file. Defaults to false.

Events

- `onFileSelected` - fires when files are selected and added to the uploader queue

FileDrop API

Properties

- `uploader` - (`FileUploader`) - uploader object. See using in demo (<https://github.com/valor-software/ng2-file-upload/blob/master/demo/components/file-upload/simple-demo.ts>)

Events

- `fileOver` - it fires during 'over' and 'out' events for Drop Area; returns `boolean: true` if file is over Drop Area, `false` in case of out. See using in ts demo (<https://github.com/valor-software/ng2-file-upload/blob/master/demo/components/file-upload/simple-demo.ts>) and html demo (<https://github.com/valor-software/ng2-file-upload/blob/master/demo/components/file-upload/simple-demo.html>)
- `onFileDrop` - it fires after a file has been dropped on a Drop Area; you can pass in `$event` to get the list of files that were dropped. i.e. `(onFileDrop)="dropped($event)"`

ng2-file-upload (<https://github.com/valor-software/ng2-file-upload>) is maintained by valor-software (<https://github.com/valor-software>).