ng2-file-upload

The Angular2 File Upload directives

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



Getting started

First of all, Welcome!

Install

Install the components

npm install ng2-file-upload --save

Select files

Base drop zone

Another drop zone

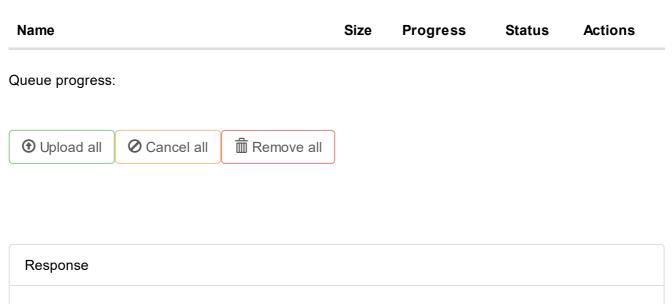
Multiple
Choose Files No file chosen

Single

Choose file No file chosen

Upload queue

Queue length: 0



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

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 redefenition)
- 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).