

# ENOENT: no such file or directory .?

Asked 5 years, 11 months ago   Modified 2 months ago   Viewed 67k times



42

This is error which am getting while post data and file. I have followed 'academind' tutorial for building Restful API services, also i have been searching answer for this type of errors but nothing works for me.



Am using "multer" to upload file



The folder 'uploads' available in the folder but it shows



ENOENT: no such file or directory, open 'D:\project\uploads\2018-01-24T07:41:21.832Zcheck.jpg'

app.js

```
const express = require("express");
const app = express();
const morgan = require("morgan");
const bodyParser = require("body-parser");
const mongoose = require("mongoose");

const productRoutes = require("./api/routes/products");

mongoose.connect('',
(err)=>{
  if(err){console.log(err)}
  else{console.log('DB Connected')}
})
mongoose.Promise = global.Promise;

app.use(morgan("dev"));
app.use('/uploads', express.static('uploads'));
app.use(bodyParser.urlencoded({ extended: false }));
```



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., Authorization"

, POST, PATCH, DELETE, GET");

```

app.use((error, req, res, next) => {
  res.status(error.status || 500);
  res.json({
    error: {
      message: error.message
    }
  });
});

module.exports = app;

```

product.js

```

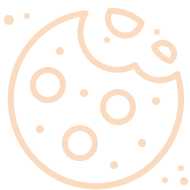
const express = require("express");
const router = express.Router();
const mongoose = require("mongoose");
const multer = require('multer');

const storage = multer.diskStorage({
  destination: function(req, file, cb) {
    cb(null, './uploads/');
  },
  filename: function(req, file, cb) {
    cb(null, new Date().toISOString() + file.originalname);
  }
});

const fileFilter = (req, file, cb) => {
  // reject a file
  if (file.mimetype === 'image/jpeg' || file.mimetype === 'image/png') {
    cb(null, true);
  } else {
    cb(null, false);
  }
};

const upload = multer({
  storage: storage,
  limits: {
    fileSize: 1024 * 1024 * 5

```



```
image'), (req, res, next) => {
```

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```
url: "http://localhost:3000/products/" + result._id
    }
  }
});
})
.catch(err => {
  console.log(err);
  res.status(500).json({
    error: err
  });
});
});

module.exports = router;
```

node.js express multer

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asked Jan 24, 2018 at 9:14



codedamn

821 4 10 16

According to [this page](#), colons ( : ) are not allowed in filenames. Try removing it (line 11 in `product.js`). – RickN Jan 24, 2018 at 12:41

## 29 Answers

Sorted by: Highest score (default)



**in product.js:**

98

After `new Date().toISOString()` add `replace()` to change ":" to an accepted character.



Windows OS doesn't accept files with a ":"



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3

answered Feb 7, 2018 at 0:03



Miles

981 5 3

me – nikola\_wd Feb 23, 2018 at 18:25

2021 at 18:07

23

1. Require this as a constant (**const path = require('path');**)

2. Change this line

```
cb(null, './uploads/');
```



With this:

```
cb(null, path.join(__dirname, '/uploads/'));
```

As I can see, you are trying to get a path that is not on served on the server, but rather a path that is on the server machine.

## UPDATE

Try also changing this

```
app.use('/uploads', express.static('uploads'));
```

To this:

```
app.use(express.static(__dirname));
```

In order to expose the `__dirname` for static files.

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edited Jan 24, 2018 at 11:57

answered Jan 24, 2018 at 9:31



Igor Dimchevski

422 3 13

---

i have added 'cb(null, 'D:/project/uploads/');' but still same – [codedamn](#) Jan 24, 2018 at 9:39

---

Do not use 'D:/project/uploads', use the `__dirname` global objects.

– [Igor Dimchevski](#) Jan 24, 2018 at 10:11

---

[adamn](#) Jan 24, 2018 at 10:20

---

e to host your folder for static files

---

ng next(null, path.join(\_\_dirname,  
at 16:10



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---

outube. Instead of:

```
me);
```



```
cb(null, Date.now() + file.originalname);
```

Simple as.

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answered Feb 19, 2020 at 16:29



code\_dude

981 2 16 28



This what worked for me. I changed './uploads/' into '\_\_dirname' so that it can find the correct directory/filename anywhere on your computer.

6



```
const storage = multer.diskStorage({
  destination: function(req, file, cb) {
    cb(null, __dirname);
  },
  filename: function(req, file, cb) {
    cb(null, new Date().toISOString() + file.originalname);
  }
});
```

Because when you set a specific folder name/directory you limit your image directory to be only or should be in that folder.

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answered Feb 3, 2020 at 6:56



Kevz

614 2 8 23

Thank you. It's Working. – Archana Singh Oct 9, 2020 at 13:41

Thank you.This worked for me, but I have no idea why I was getting such errors in the first place.  
– Gregzone Nov 27, 2022 at 5:41



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blem (i also use windows machine).

› install this package:

is storing the file in the

```
is''));
```

just setting a unique filename

```
ateHash({length: 5}) + '.' +
```

This creates a unique hash for the filenames as well

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answered Nov 20, 2020 at 11:36



Srivatsa

41 1

You can also use node's built in crypto lib to generate the hash. So, you won't have to add another dependency. `crypto.randomBytes(16).toString("hex")` -> this bit will generate the hash

– Tom Bombadil Jan 2, 2021 at 8:35



3



I found this in the comments section, here: [https://www.youtube.com/watch?v=srPXMt1Q0nY&list=PL55RiY5tL51q4D-B63KBnygU6opNPfk\\_q&index=10](https://www.youtube.com/watch?v=srPXMt1Q0nY&list=PL55RiY5tL51q4D-B63KBnygU6opNPfk_q&index=10)

OK guys, in case someone has an issue with this in the file creation stage, that probably means you're working on Windows. Now, you don't need to feel discouraged and throw your computer to the trash (I actually like always having to find workarounds for my Windows :).

There's at least a solution, and this is the one I found. My problem is the file does not get created because Windows does not accept filenames with colon (':') on it. My solution is rather simple. After I get the current date, I use `replace()` and a regexp to change that into a dash. Viola. It works!

```
Just in case, this is one way to do it: filename: function(req, file, cb){ const now = new Date().toISOString(); const date = now.replace(/:/g, '-'); cb(null, date + file.originalname); }
```

Hope it helps someone who's working in windows.

answered Feb 5, 2018 at 23:38



Jorge

31 1

ath I provided in callback didn't exist



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```
ialname);
```

With filesystem I created the same folder, In case of folder exists the **err** gets value but here nothing to worry about as we have that folder. This worked for me. hope this would help

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answered Aug 8, 2020 at 11:13



Devashish

433 8 10

- 
- 1 Yeah... it took me an hour to figure out that folder should be already there only then it saves the file.  
– [Ajay Rawat](#) Sep 18, 2020 at 18:44
- 



2

I had a similar error and this is how I resolved it. After using the replace method, I changed './uploads/images/' to 'uploads/images'. In this case, multer created the folder automatically. So you have something like this



```
const storage = multer.diskStorage({
  destination: function(req, file, cb) {
    cb(null, 'uploads/');
  },
  filename: function(req, file, cb) {
    cb(null, new Date().toISOString().replace(/:/g, '-') + file.originalname);
  }
});
```

For Windows users.

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answered Oct 24, 2020 at 6:42



Gbless Sylva

75 1 1 7



This error occurs because ./uploads/ does not exist.



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» directory.

**Proof/ref:**

determine where the file should be stored.

`destination` is used to determine within which folder the uploaded files should be stored.

This can also be given as a string (e.g.  `'/tmp/uploads'` ). If no `destination` is given, the operating system's default directory for temporary files is used.

**Note:** You are responsible for creating the directory when providing `destination` as a function. When passing a string, multer will make sure that the directory is created for you.

`filename` is used to determine what the file should be named inside the folder. If no `filename` is given, each file will be given a random name that doesn't include any file extension.

<https://www.npmjs.com/package/multer#diskstorage>

**Solution**

```
const fs = require('fs'); // Added to create directories
const multer = require('multer');

const storage = multer.diskStorage({
  destination: function(req, file, cb) {
    // ::::::::::::::::::::Create directories::::::::::::::::::::::::::
    fs.mkdir('./uploads/', (err) => {
      cb(null, './uploads/');
    });
  },
  filename: function(req, file, cb) {
    cb(null, new Date().toISOString() + file.originalname);
  }
});

const fileFilter = (req, file, cb) => {
  // reject a file
  if (file.mimetype === 'image/jpeg' || file.mimetype === 'image/png') {
    cb(null, true);
  }
}
```

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answered May 24, 2022 at 15:36



**Abhishek Kumar**

850 10 18

`Date().toISOString() +`

`file.originalname`, simply write `cb(null, file.originalname)`; it will work. try to use in



1 different way to add the date string with file name.



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edited Jun 2, 2019 at 15:03

answered Jun 2, 2019 at 14:44



satywan kumar

205 2 3



You don't have permission to access /uploads/ on this server.

1

Try the following:



```
sudo chmod -R 777 /uploads
```



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edited Nov 14, 2019 at 8:31

answered Nov 14, 2019 at 8:00



Iczapski

4,054 3 16 32



Chaman Yadav

11 2



You should change the file name. Because ':' is not allowed in Windows.

1

Eg:



```
const storage = multer.diskStorage({
  destination: function(req, file, cb){
    cb(null, './uploads/');
  },
  filename: function(req, file, cb){
    cb(null, new Date().toISOString().replace(/:/g, '-') + '-' +
file.originalname);
  }
});
```



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1

answered Apr 26, 2020 at 4:43



Sumith Ekanayake

68

1,819 18 13

other methods of `Date().i` write

```
:String()+file.originalname) }
```

43

answered Aug 30, 2020 at 8:05

汤莱恩

130



Negin msr

113 9



for this line

1

`app.use('/uploads', express.static('uploads'));`

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answered Oct 29, 2020 at 21:11

**Iman Roosta**

2,306 12 13



if this can't find a folder then you can create one

1

```
destination: function(req, file, cb) {
  fs.mkdir('./uploads/', (err) => {
    cb(null, './uploads/');
  });
},
```



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answered Apr 6, 2021 at 3:32

**MD SHAYON**

1



use this = > `cb(null, Date.now() + file.originalname);` instead of `cb(null, new Date().toISOString() + file.originalname);` to prevent "error": "ENOENT: no such file or directory"

1



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edited Oct 28, 2021 at 12:04

answered Dec 10, 2020 at 5:35

**Santosh**

3,517 5 39 78

**Sajjan Shah**

41 6



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`"-") + file.originalname);``image")); //Middleware`

answered Feb 13 at 18:14



Muneeb

11 1

**Note:** In order to remove all special character, we can use replace function as

0

```
const cleanVariable = mixSpecialCharters.replace(/[`~!@#$%^&*()_+ \-=?;:'",.<>\
{\} \[\] \\\\/]/gi, '');
```



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answered Nov 28, 2020 at 6:52



mabdullahse

3,774 25 23



0

```
const storage = multer.diskStorage({
  destination: function(req, file, cb) {
    -cb(null, './uploads/');
    +cb(null, 'upload/');
  },
  filename: function(req, file, cb) {
    cb(null, new Date().toISOString() + file.originalname);
  }
});
```



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answered Feb 9, 2021 at 2:17



Gseth

1

add more details – Wang Liang Feb 9, 2021 at 3:23

in product.js just replace `cb(null, new Date().toISOString()+ file.originalname)` with `cb(null,`

answered Aug 13, 2021 at 0:32



ahmed abdelmham

1

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lose and I'm sure that some of the  
; answer I found [here](#) has worked for



```
filename: function (req, file, cb) {  
    cb(null, file.originalname)  
}  
})
```

Share Improve this answer Follow

answered Aug 13, 2021 at 8:44



[PhilosophOtter](#)

183 1 2 13



just change

0

```
cb(null, new Date().toISOString() + file.originalname);
```



with



```
cb(null, Date.now() + file.originalname);
```



Share Improve this answer Follow

answered Aug 17, 2021 at 22:23



[Mohamed BEN HALIMA](#)

9 1 6



Here is how you can avoid any directory issues

0



```
const path = require("path");  
const multer = require("multer");  
  
const storage = multer.diskStorage({  
    destination: function (req, file, cb) {  
        cb(null, path.join(__dirname, "../uploads"));  
    }  
});
```



```
round(Math.random() * 1e9);  
+ file.originalname);
```

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answered Apr 27, 2022 at 15:27



[Hakim Asa](#)

443 3 15

0



```
const storage = multer.diskStorage({
  destination: function(req, file, cb){
    //if that dir is not created then this will create that dir first
    fs.mkdir('./uploads/', (err) => {
      cb(null, './uploads/');
    })
  },
  filename: function(req, file, cb)
  {
    cb(null, new Date().toISOString().replace(/:/g, '-') + '-'
    +file.originalname);
  }
})
```

Run code snippet

[Expand snippet](#)

this happens in windows and in mac due to ':' so just replace it

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answered May 31, 2022 at 15:54



**Shashwat Singh**

1 1



0

As others suggest it is indeed an issue with how the OS is handling parts of the date string, namely the ':'. The purpose of this new Date().toISOString() is generating some randomness, which can also be achieved with another 3rd party package like UUID for example:



```
filename: (req, file, cb) => cb(null, `${uuidv4()}-${file.originalname}`)
```



of course to use this library you have to install it and then refer it:



answered Jul 6, 2022 at 8:46



**Mihail**

1 1 1

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```
cb(null, path.extname(dir + "/public/my-uploads"));

},

filename: function (req, file, cb) { cb(null, Date.now() + "-" + file.originalname);

},

});

module.exports = { fileStorage };` This Worked for me.
```

Share Improve this answer Follow

answered Sep 6, 2022 at 1:45



Abaid Ullah

42 1 5



try

0



```
const storage = multer.diskStorage({
  destination: function(req, file, cb) {
    cb(null, path.join(__dirname, '../uploads/'));
  },
  filename: function(req, file, cb) {
    cb(null, Date.now() + file.originalname);
  }
});
```

also for filename change new Date() into Date.now()

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edited Oct 1, 2022 at 20:16

answered Oct 1, 2022 at 20:15



Muhammad Daffa

1 2



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Try to change the dist folder from `./uploads/` to `uploads/`

0

in this function



```
const storage = multer.diskStorage({
  destination: function(req, file, cb) {
    cb(null, './uploads/');
  },
  filename: function(req, file, cb) {
    cb(null, new Date().toISOString() + file.originalname);
  }
});
```



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edited Nov 13, 2022 at 16:25

answered Nov 9, 2022 at 16:17



Tyler2P

2,332 27 23 31



BEN AISSA Ouadie

1 1



In order to make it work, change this:

0

```
filename: function(req, file, cb) {
  cb(null, new Date().toISOString() + file.originalname);
}
```



to



```
filename:(req,file,cb)=>{
  const name = Date.now()+file.originalname;
  cb(null, name);
}
```

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edited Oct 19 at 2:48

answered Oct 18 at 10:49

167



Vishalini Vvn

1 1



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