

Could not find module “@angular-devkit/build-angular”

After updating to Angular 6.0.1, I get the following error on `ng serve`:

198 Could not find module "@angular-devkit/build-angular" from
"/home/Projects/myProjectName".
Error: Could not find module "@angular-devkit/build-angular" from
"/home/Projects/myProjectName".
 at Object.resolve (/home/Projects/myProjectName/node_modules/@angular-
devkit/core/node/resolve.js:141:11)
 at Observable.rxjs_1.Observable [as _subscribe]
(/home/Projects/myProjectName/node_modules/@angular-
devkit/architect/src/architect.js:132:40)

46

`ng update` says everything is in order. Deleting `node_modules` folder and a fresh `npm install` install did not help either.

My project is based on [ng2-admin(Angular4 version)].(<https://github.com/akveo/ng-admin>) Here is my package.json dependecies:

```
"dependencies": {  
  "@angular/animations": "^6.0.1",  
  "@angular/common": "^6.0.1",  
  "@angular/compiler": "^6.0.1",  
  "@angular/core": "^6.0.1",  
  "@angular/forms": "^6.0.1",  
  "@angular/http": "^6.0.1",  
  "@angular/platform-browser": "^6.0.1",  
  "@angular/platform-browser-dynamic": "^6.0.1",  
  "@angular/platform-server": "^6.0.1",  
  "@angular/router": "^6.0.1",  
  "@ng-bootstrap/ng-bootstrap": "1.0.0-alpha.26",  
  "@ngx-translate/core": "^10.0.1",  
  "@ngx-translate/http-loader": "^3.0.1",  
  "amcharts3": "github:amcharts/amcharts3",  
  "ammap3": "github:amcharts/ammap3",  
  "angular-table": "^1.0.4",  
  "angular2-csv": "^0.2.5",  
}
```

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```
"chroma-js": "1.3.3",
"ckeditor": "4.6.2",
"core-js": "2.4.1",
"easy-pie-chart": "2.1.7",
"font-awesome": "4.7.0",
"fullcalendar": "3.3.1",
"google-maps": "3.2.1",
"ionicons": "2.0.1",
"jquery": "3.2.1",
"jquery-slimscroll": "1.3.8",
"leaflet": "0.7.7",
"leaflet-map": "0.2.1",
"lodash": "4.17.4",
"ng2-ckeditor": "1.1.6",
"ng2-completer": "^1.6.3",
"ng2-handsontable": "^2.1.0-rc.3",
"ng2-slim-loading-bar": "^4.0.0",
"ng2-smart-table": "^1.0.3",
"ng2-tree": "2.0.0-alpha.5",
"ngx-uploader": "4.2.4",
"normalize.css": "6.0.0",
"roboto-fontface": "0.7.0",
"rxjs": "^6.1.0",
"rxjs-compat": "^6.1.0",
"zone.js": "0.8.26"
},
"devDependencies": {
"@angular/cli": "^6.0.1",
"@angular/compiler-cli": "^6.0.1",
"@types/fullcalendar": "2.7.40",
"@types/jasmine": "2.5.38",
"@types/jquery": "2.0.41",
"@types/jquery.slimscroll": "1.3.30",
"@types/lodash": "4.14.61",
"@types/node": "6.0.69",
"codemlyzer": "3.0.1",
"gh-pages": "0.12.0",
"jasmine-core": "2.5.2",
"jasmine-spec-reporter": "3.2.0",
"karma": "1.4.1",
"karma-chrome-launcher": "2.0.0",
"karma-cli": "1.0.1",
"karma-coverage-istanbul-reporter": "0.2.0".
}
```

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```
"stylelint": "7.10.1",
"ts-node": "2.1.2",
"tslint": "5.2.0",
"tslint-eslint-rules": "4.0.0",
"tslint-language-service": "0.9.6",
"typescript": "^2.7.2",
"typogr": "0.6.6",
"underscore": "1.8.3",
"wintersmith": "2.2.5",
"wintersmith-sassy": "1.1.0"
}
```

and my angular.json:

```
{
  "$schema": "./node_modules/@angular/cli/lib/config/schema.json",
  "version": 1,
  "newProjectRoot": "projects",
  "projects": {
    "ng2-admin": {
      "root": "",
      "sourceRoot": "src",
      "projectType": "application",
      "architect": {
        "build": {
          "builder": "@angular-devkit/build-angular:browser",
          "options": {
            "outputPath": "dist",
            "index": "src/index.html",
            "main": "src/main.ts",
            "tsConfig": "src/tsconfig.app.json",
            "polyfills": "src/polyfills.ts",
            "assets": [
              "src/assets",
              "src/favicon.ico"
            ],
            "styles": [
              "node_modules/roboto-fontface/css/roboto/sass/roboto-fontface.scss",
              "node_modules/normalize.css/normalize.css",
              "node_modules/font-awesome/scss/font-awesome.scss",
              "node_modules/ionicons/scss/ionicons.scss",

```

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```
"src/app/theme/theme.scss",
"src/styles.scss"
],
"scripts": [
  "node_modules/jquery/dist/jquery.js",
  "node_modules/easy-pie-chart/dist/jquery.easypiechart.js",
  "node_modules/jquery-slimscroll/jquery.slimscroll.js",
  "node_modules/tether/dist/js/tether.js",
  "node_modules/bootstrap/dist/js/bootstrap.js",
  "node_modules/handsontable/dist/handsontable.full.js",
  "node_modules/chroma-js/chroma.js"
]
},
"configurations": {
  "production": {
    "optimization": true,
    "outputHashing": "all",
    "sourceMap": false,
    "extractCss": true,
    "namedChunks": false,
    "aot": true,
    "extractLicenses": true,
    "vendorChunk": false,
    "buildOptimizer": true,
    "fileReplacements": [
      {
        "replace": "src/environments/environment.ts",
        "with": "src/environments/environment.prod.ts"
      }
    ]
  }
},
"serve": {
  "builder": "@angular-devkit/build-angular:dev-server",
  "options": {
    "browserTarget": "ng2-admin:build"
  },
  "configurations": {
    "production": {
      "browserTarget": "ng2-admin:build:production"
    }
  }
}
```

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```
},
"test": {
  "builder": "@angular-devkit/build-angular:karma",
  "options": {
    "main": "src/test.ts",
    "karmaConfig": "./karma.conf.js",
    "polyfills": "src/polyfills.ts",
    "tsConfig": "src/tsconfig.spec.json",
    "scripts": [
      "node_modules/jquery/dist/jquery.js",
      "node_modules/easy-pie-chart/dist/jquery.easypiechart.js",
      "node_modules/jquery-slimscroll/jquery.slimscroll.js",
      "node_modules/tether/dist/js/tether.js",
      "node_modules/bootstrap/dist/js/bootstrap.js",
      "node_modules/handsontable/dist/handsontable.full.js",
      "node_modules/chroma-js/chroma.js"
    ],
    "styles": [
      "node_modules/roboto-fontface/css/roboto/sass/roboto-fontface.scss",
      "node_modules/normalize.css/normalize.css",
      "node_modules/font-awesome/scss/font-awesome.scss",
      "node_modules/ionicons/scss/ionicons.scss",
      "node_modules/bootstrap/scss/bootstrap.scss",
      "node_modules/leaflet/dist/leaflet.css",
      "node_modules/chartist/dist/chartist.css",
      "node_modules/fullcalendar/dist/fullcalendar.css",
      "node_modules/handsontable/dist/handsontable.full.css",
      "node_modules/ng2-slim-loading-bar/style.css",
      "src/app/theme/theme.scss",
      "src/styles.scss"
    ],
    "assets": [
      "src/assets",
      "src/favicon.ico"
    ]
  }
},
"lint": {
  "builder": "@angular-devkit/build-angular:tslint",
  "options": {
    "tsConfig": [
      "src/tsconfig.app.json",
      "src/tsconfig.spec.json"
    ]
  }
}
```

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```
"ng2-admin-e2e": {  
  "root": "",  
  "sourceRoot": "",  
  "projectType": "application",  
  "architect": {  
    "e2e": {  
      "builder": "@angular-devkit/build-angular:protractor",  
      "options": {  
        "protractorConfig": "./protractor.conf.js",  
        "devServerTarget": "ng2-admin:serve"  
      }  
    },  
    "lint": {  
      "builder": "@angular-devkit/build-angular:tslint",  
      "options": {  
        "tsConfig": [  
          "e2e/tsconfig.e2e.json"  
        ],  
        "exclude": []  
      }  
    }  
  },  
  "defaultProject": "ng2-admin",  
  "schematics": {  
    "@schematics/angular:component": {  
      "prefix": "app",  
      "styleext": "scss"  
    },  
    "@schematics/angular:directive": {  
      "prefix": "app"  
    }  
  }  
}
```

 angular angular-cli angular6 angular-cli-v6

asked May 14 '18 at 14:38

 ForestG

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Install `@angular-devkit/build-angular` as dev dependency. This package is newly introduced in Angular 6.0

334

```
npm install --save-dev @angular-devkit/build-angular
```

or,

```
yarn add @angular-devkit/build-angular --dev
```

edited May 16 '18 at 5:12

answered May 14 '18 at 14:44



Ritwick Dey

6,167 2 14 30

1 I face the same problem. Unfortunately your solution didn't work for me. Do you have any other suggestions? – [subzerodeluxe](#) May 15 '18 at 8:55

Exact same error? And the configuration file? are they same as this question? – [Ritwick Dey](#) May 15 '18 at 10:23

Yes. Well, I did some more exploring on this issue. Turns out that it works fine on my Mac Mini, so it will probably has something to do with my Node setup on Windows. – [subzerodeluxe](#) May 15 '18 at 16:32

1 Upgrade to angular 7 - the accepted answer fixed the error (have upvoted), but didn't solve the upgrade problem overall. This did [stack overflow.com/a/51592138/852806](https://stackoverflow.com/a/51592138/852806) – [HockeyJ](#) Nov 21 '18 at 16:30

3 Thanks for this. I just hit this problem while attempting to follow the Angular tutorial: angular.io/guide/quickstart - seems like someone forgot to update the documentation? – [Dan King](#) Nov 21 '18 at 20:41

npm update

72

It worked like a charm.

answered Jul 29 '18 at 15:47



Ajay Takur

2,505 2 26 37

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Nothing "half baked" about not checking in the `node modules` folder. This simply rebuilds your node modules based on your package.json. This is perfectly normal thing to do when you check out a new solution. – [Liam](#) Jan 14 at 19:25

It resolve all dependencies :). +1 – [Hammad Sajid](#) Mar 21 at 7:31

There might be additional packages that are outdated. Run `ng update --all` to try to update all at the same time. – [Lonely](#) Apr 29 at 16:21

for angular 6 and above

31 The working solution for me was

`npm install`

`ng update`

and finally

`npm update`

answered Nov 7 '18 at 13:42

[user9964622](#)

1,553 3 25 53

Need to explicitly get devDependencies.

10 `npm i --only=dev`

answered Aug 10 '18 at 4:16

 [sachq](#)

188 1 9

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If the following command does not work,

5
npm install --save-dev @angular-devkit/build-angular

then move to the project folder and run this command:

```
npm install --save @angular-devkit/build-angular
```

edited Jun 27 '18 at 15:07



grg

2,584 2 20 34

answered May 20 '18 at 6:58



69 3

npm install --save @angular-devkit/build-angular worked for me but only problem was I was trying to run this command from a command prompt which was not run as an administrator, and I entered to execute this command it was not showing any error nothing only cursor was on wait state then I simply run a cmd with admin in it worked. Thanks – [asifaftab87](#) Mar 9 at 6:16

5
Just type `npm install` and run. Then the project will run without errors. Or you can use `npm install --save-dev @angular-devkit/build-angular`

5

answered Sep 1 '18 at 8:52



Thisuri

71 1 4

All of the above answer are correct but they did not work for me. The only way I was able to make this work was by follow steps/commands:

5

```
npm uninstall -g @angular/cli@6.0.8
npm cache clean --force
npm install -g @angular/cli@latest
```

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Dinesh Pallapa

683 8 17



grepit

10.5k 2 61 58

I struggled with the same problem just a minute ago. My project was generated using the v 1.6.0 of angular-cli.

3

1. npm update -g @angular/cli
2. editing my package.json changing the line
"@angular/cli": "1.6.0",
to
"@angular/cli": "^1.6.0",
3. npm update

I hope my help is effective ヽ(￣▽￣)ノ

answered Dec 20 '18 at 10:58

user10780188

This has nothing to do with not being able to find a module. this just means the angular cli module will be updated for any version 1.6.x – [SanSolo](#) Dec 20 '18 at 11:18

Try this one.

2

- npm install
- npm update
- if it's shows something like this.

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Elshan

3,987 2 41 78



2



When we run commands like `ng serve`, it uses the local version of `@angular/cli`. So first install latest version of `@angular/cli` locally (without the `-g` flag). Then update the cli using `ng update @angular/cli` command. I think this should fix the issue. Thanks

This link may help you if you are updating your angular project <https://update.angular.io/>

answered Oct 4 '18 at 6:09



Tibin Thomas

184 1 9



2



I had the same issue with Angular 7. Just executed the following command and error was solved.

```
npm install --save-dev @angular-devkit/build-angular
```

answered Apr 18 at 17:24



Chamila Maddumage

904 1 11 24



2



Try this first

```
npm install --save-dev @angular-devkit/build-angular
```



2



If some error come again for missing packages try

```
npm install
```

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Following commands works:

2

```
npm install  
ng update
```

-You may see the message "We analyzed your package.json and everything seems to be in order. Good work!"

```
npm update
```

Then try dev build

```
ng build
```

I got the error with type script, downgraded to

```
npm install typescript@>=3.1.1 <3.2  
ng build --prod
```

All success with prod build.

Below is the working combination

```
ng --version
```

Package	Version
<hr/>	
@angular-devkit/architect	0.11.0
@angular-devkit/build-angular	0.11.0
@angular-devkit/build-optimizer	0.11.0
@angular-devkit/build-webpack	0.11.0
@angular-devkit/core	7.1.0
@angular-devkit/schematics	7.1.0

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7/2/2019

Could not find module "@angular-devkit/build-angular" - Stack Overflow

typescript 3.1.6
webpack 4.23.1

edited Jun 3 at 6:03



Prashant Pimpale
5,096 4 11 39

answered Dec 3 '18 at 16:58



Pushpinder Singh
31 1

I had the same problem today, after upgrading node from v9 to v10.

My environment is set by docker and I had to remove this command from the my DockerFile :

2

```
npm link @angular/cli
```

It creates a symlink to the directory where node is installed.

I guess the `angular/cli` module in it do not have the same version as the one in the `node_modules` dir of my project, and this causes the issue.

answered Jun 4 at 15:48



v.nivuahc
471 4 3

Try this. It worked for me

1

```
npm uninstall -g @angular/cli  
npm cache verify  
npm install -g @angular/cli@next
```

edited Apr 10 at 5:25



Tiw
4,442 6 18 30

answered Apr 10 at 5:05



Dinesh Shaw
11 1

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0

add `@angular-devkit/build-angular` under your dev dependency and it will work, or you can also execute

0

```
npm install --save-dev @angular-devkit/build-angular
```

answered Sep 8 '18 at 3:01



Delete package-lock.json and do npm install again. It should fix the issue.

0

** This fix is more suitable when you have created Angular 6 app using ng new and after installing other dependencies you find this error.

answered Sep 8 '18 at 21:17



0

In my case, the issue is because of missing dependencies. Why dependencies is missing, because I've forgotten to call:

```
npm install
```

After calling the above command, all required dependencies are loaded in node_modules, and that is no more issue

answered Nov 22 '18 at 21:03



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```

> ng run app:serve --host=0.0.0.0 --port=8100
ng] Could not find module "@angular-devkit/build-angular" from "E:\PROJECT\Project Angular\business-card-user".
ng] Error: Could not find module "@angular-devkit/build-angular" from "E:\PROJECT\Project Angular\business-card-user".
ng]   at Object.resolve (C:\Users\hp\AppData\Roaming\npm\node_modules\@angular\cli\node_modules\@angular-devkit\core\node\resolve.js:141:11)
ng]   at Observable.rxjs_1.observable [as _subscribe] (C:\Users\hp\AppData\Roaming\npm\node_modules\@angular\cli\node_modules\@angular-devkit\architect\src\architect.js:132:48)
ng]     at C:\Users\hp\AppData\Roaming\npm\node_modules\@angular\cli\node_modules\rxjs\internal\observable.js:99:19
ng]   at new Promise (<anonymous>)
ng]   at Observable.toPromise (C:\Users\hp\AppData\Roaming\npm\node_modules\@angular\cli\node_modules\rxjs\internal\observable.js:97:16)
ng]   at RunCommand.runSingleTarget (C:\Users\hp\AppData\Roaming\npm\node_modules\@angular\cli\models\architect-command.js:101:86)
ng]   at RunCommand.runArchitectTarget (C:\Users\hp\AppData\Roaming\npm\node_modules\@angular\cli\models\architect-command.js:132:35)
ng]   at RunCommand.run (C:\Users\hp\AppData\Roaming\npm\node_modules\@angular\cli\commands\run-impl.js:14:25)

[ERROR] ng has unexpectedly closed (exit code 1).

The Ionic CLI will exit. Please check any output above for error details.
PS E:\PROJECT\Project Angular\business-card-user> npm install

> grpc@1.18.0 install E:\PROJECT\Project Angular\business-card-user\node_modules\grpc
> node-pre-gyp install --fallback-to-build --library=static_library

node-pre-gyp [WARN] Using request for node-pre-gyp https download
[grpc] Success: "E:\PROJECT\Project Angular\business-card-user\node_modules\grpc\src\node\extension_binary\node-v57-win32-x64-unknown\grpc_node.node" is installed
via remote

> node-sass@4.9.3 install E:\PROJECT\Project Angular\business-card-user\node_modules\node-sass
> node scripts/install.js

cached binary found at C:\Users\hp\AppData\Roaming\npm-cache\node-sass\4.9.3\win32-x64-57_binding.node

> node-sass@4.9.3 postinstall E:\PROJECT\Project Angular\business-card-user\node_modules\node-sass
> node scripts/build.js

Binary found at E:\PROJECT\Project Angular\business-card-user\node_modules\node-sass\vendor\win32-x64-57\binding.node
Testing binary
Binary is fine
npm [WARN] optional SKIPPING OPTIONAL DEPENDENCY: fsevents@1.2.4 (node modules\fsevents):
npm [WARN] notsup SKIPPING OPTIONAL DEPENDENCY: Unsupported platform for fsevents@1.2.4: wanted {"os": "darwin", "arch": "any"} (current: {"os": "win32", "arch": "x64"})

added 1221 packages from 1215 contributors and audited 50000 packages in 367.566s
found 1 high severity vulnerability
  run 'npm audit fix' to fix them, or 'npm audit --fix' for details
PS E:\PROJECT\Project Angular\business-card-user> ionic serve
> ng run app:serve --host=0.0.0.0 --port=8100

[INFO] Development server running!
  Local: http://localhost:8100
  External: http://192.168.10.181:8100
  Use Ctrl+C to quit this process

[INFO] Browser window opened to http://localhost:8100

ng] i [wdm]: wait until bundle finished: /
ng] Date: 2019-02-06T06:28:51.628Z
ng] Hash: 722740f8016d89690b6a
ng] Time: 34948ms
ng] chunk {common} common.js, common.js.map (common) 32.5 kB [rendered]
ng] chunk {main} main.js, main.js.map (main) 35.5 kB [initial] [rendered]
ng] chunk {pages-login-login-module} pages-login-login-module.js, pages-login-login-module.js.map (pages-login-login-module) 13.3 kB [rendered]
ng] chunk {pages-user-detail-user-detail-module} pages-user-detail-user-detail-module.js, pages-user-detail-user-detail-module.js.map (pages-user-detail-user-detail-module) 22.5 kB [rendered]
ng] chunk {pages-view-user-card-view-user-card-module} pages-view-user-card-view-user-card-module.js, pages-view-user-card-view-user-card-module.js.map (pages-view-user-card-view-user-card-module) 9.27 kB [rendered]
ng] chunk {polyfills} polyfills.js, polyfills.js.map (polyfills) 223 kB [initial] [rendered]
ng] chunk {runtime} runtime.js, runtime.js.map (runtime) 9.83 kB [entry] [rendered]
ng] chunk {styles} styles.js, styles.js.map (styles) 78.9 kB [initial] [rendered]
ng] chunk {vendor} vendor.js, vendor.js.map (vendor) 6.15 MB [initial] [rendered]
[...]
  and 177 additional chunks
ng] i [wdm]: Compiled successfully.

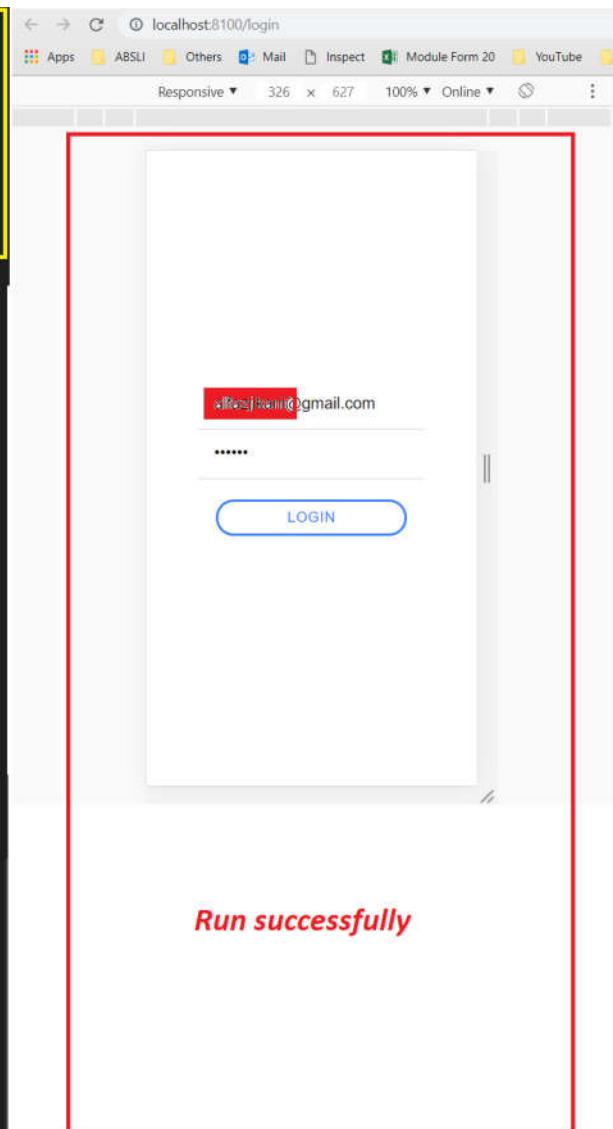
```

Execute below Command on your CLI :

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191 1 14



0

- Delete the node_modules.
- Clear the cache using'npm cache clean --verify'.
- And then npm install again.



Works like a charm for me.

answered Feb 26 at 12:04



Arslan Mir

1 5



0

That's works for me, commit and then:

```
ng update @angular/cli @angular/core  
npm install --save-dev @angular/cli@latest
```



edited Jun 2 at 21:31

answered May 30 at 20:46



Andrey

486 5 9



0

Unfortunately, none of the provided solutions worked perfectly for me, but grepit's answer inspired me to do the following steps. I uninstalled node.js via my OS (Windows 10) and installed it again. Then installed Angular CLI. Then created a new project, and copied my old project's src file into this new one and the error's gone.



Here are the instructions:

1. Uninstall node.js via your OS and install it again

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5. Run this hello world project (`ng serve`) to make sure that you won't get the error.

6. `xcopy YOUR_PROJECT_NAME.old\src*.* YOUR_PROJECT_NAME\src /s`

This is Windows version of copy, change it based on your own OS.

edited Jun 10 at 9:35

answered Jun 10 at 7:52



 `npm install --save-dev @angular-devkit/build-angular@latest`

0

solved it for me.

 answered Jun 19 at 19:47



 I am facing the same issue since 2 days.

-1

`ng -v :6.0.8
node -v :8.11.2
npm -v :6.1.0`

Make sure you are in the folder where `angular.json` is installed. Get into that and type `ng serve`. If the issue still arises, then you are having only dependencies installed in `node_modules`. Type the following, and it will work:

`npm i --only=dev`

edited Jul 1 '18 at 17:48

answered Jul 1 '18 at 13:31



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```
npm i npm@latest -g
```

-1

edited Jul 4 '18 at 9:20

answered Jun 28 '18 at 2:38



9 3



Simple solution

**Hit below command only to fix this error**

```
npm install --save-dev @angular-devkit/build-angular
```

answered Aug 14 '18 at 13:04



1,050 9 12



This error generally occurs when the angular project was not configure completely.



This will work



```
npm install --save-dev @angular-devkit/build-angular
```

```
npm install
```

edited May 14 at 6:57

answered May 13 at 7:31



1 3

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