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Angular 4 - HTTP Service 404. JSON file Not Found

Asked 3 years, 6 months ago Active 2 years ago Viewed 22k times

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I am new in angular, and I am having problem in http service. I tried this.http.get('http://jsonplaceholder.typicode.com/posts/1') as sample data and it works. But when I used this.http.get('src/data/employees.json') it shows me 404 (Not Found)

employees.service.ts

```
import { Injectable } from '@angular/core';
import { Http } from '@angular/http';
import 'rxjs/add/operator/map';

@Injectable()
export class EmployeesService {

  constructor(private http: Http) { }

  getEmployees() {
    this.http.get('src/employees.json')
      .map(response => response.json())
      .subscribe(result => console.log(result) );
  }
}
```

app.component.ts

```
import { Component } from '@angular/core';
import { EmployeesService } from './employees.service';

@Component({
  selector: 'app-root',
  templateUrl: './app.component.html',
  styleUrls: ['./app.component.css']
})
export class AppComponent {

  constructor(private employeesService: EmployeesService){}

  ngOnInit() {
    this.employeesService.getEmployees();
  }
}
```

angular angular-cli

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edited Aug 29 '17 at 10:01
angularrocks.com
15.9k ● 9 ● 75 ● 95

asked Aug 29 '17 at 5:38
edizonv
439 ● 3 ● 8 ● 18

- Are you using angular-cli? – Prathmesh Dali Aug 29 '17 at 6:17
- yes sir i am using it – edizonv Aug 29 '17 at 6:31
- @edizonv if you are answer by Kuncovic should work – Rahul Singh Aug 29 '17 at 6:33
- @edizonv then answer by Kuncovic will work. I will suggest to follow second approach or you can put all your json files in data folder inside assets so you are not required to modify angular-cli.json. – Prathmesh Dali Aug 29 '17 at 6:37
- yes it works :) thanks – edizonv Aug 29 '17 at 6:41

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5 Answers

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If you are using angular cli you have to output your json file by setting that up in angular-cli.json like so:

```
"assets": [
  "assets",
  "src/employees.json"
],
```

But I would recommend to create a folder like data inside your src folder and place all your data .json filed in to it. Then have your assets config like so:

```
"assets": [
  "assets",
  "data"
],
```

This way cli will always output the whole data folder so you do not have to specify each .json file separately

In case if you changing angular-cli.json during ng serve for your changes to take an effect you have to restart ng serve

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edited Aug 29 '17 at 6:36

answered Aug 29 '17 at 6:21
angularrocks.com
15.9k ● 9 ● 75 ● 95

I already created a data folder in side src folder, and I put the "data" in assets angular-cli.json file just like

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restart you `ng serve` – angularrocks.com Aug 29 '17 at 6:34

Now you can have as much folders inside `data` folder as you want without configuring each separate but if you want to create any more static folders outside `data` then you have to configure that same way. Also bear in mind that default `angular-cli` static folder called `assets` it is always outputs by default as it is configured in `.angular-cli.json` same way – [angularrocks.com](https://angular.rocks.com) Aug 29 17 at 6:45

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2

answered Aug 29 '17 at 5:44

Isaiah Lee
428 ● 2 ● 10

okay, two things i want you to try here. What happens when you directly copy that link into a new tab/window? this will confirm that that's a valid path to the file. Funny enough, i was helping someone out with a similar issue. You shouldn't include the full URI when making HTTP calls to localhost (unless you properly configure your backend to handle CORS). Instead of 'localhost/data/employees.json' it should just be 'data/employees.json' (or '/data/employees.json', i always forget which one it is unfortunately) — [Isaiah Lee](#)

Aug 29 '17 at 6:18

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answered Mar 14 '19 at 10:02

13hola
135 ● 10

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answered Aug 29 '17 at 5:44

Max
753 ● 1 ● 12 ● 26

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3,252 • 15 • 23

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