# 6.1 Angular CLI

6.1.1 Angular Cli issues, Angular Only

**6.1.2 Install Angular** **with .Net Core 2.0**

6.1.2.1 Requires CORS in the C# web api.

6.1.2.2 Kendo packages were installed

6.1.3.3 Works well with VSCode

Separates client from server. The package.json should be up to date for TSF. You may need to troubleshoot if there are version dependencies.

### Clone or fork this repository

* Make sure you have [node.js](https://nodejs.org/) installed version 5+
* Make sure you have NPM installed version 3+
* WINDOWS ONLY run npm install -g webpack webpack-dev-server typescript to install global dependencies
* run npm install to install dependencies
* run npm start to fire up dev server
* open browser to [http://localhost:4200](http://localhost:3000/)
* if you want to use other port, open package.json file, then change port in --port 3000 script

Note Differences in folder structure between TSF and CLI

This cli will require that the http calls be to the TSF background, port 65530. This is done via the following in the .ts code.

An **app.config.ts** file with a uri used for http:

**export class AppConfig {**

**public readonly apiUrl = 'http://localhost:5000';**

**};**

# IF YOU RUN INTO ERRORS

Cannot read property

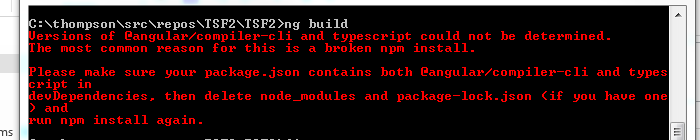


Image: fixing this is a matter of updating the cli and compiler in the json file

*"devDependencies": {*

*"@angular/cli": "1.6.5",*

*"@angular/compiler-cli": "^5.2.0",*

*"@angular/language-service": "^5.2.0",*

**Versions of @angular/ compiler-cli and typescript could not be determined.**

**The most common reason for this is a broken npm install.**

**Please make sure your package.json contains both @angular/compiler-cli and typescript in devDependencies, then delete node\_modules and package-lock.json (if you have one) and run npm install again.**

Tried installing Angular CLI in the (existing) folder for ‘Switching to Angular’.

1/24/2016 cannot read property config of null angular cli

. . . so tried *npm install -g @angular/cli@latest*

Next, try (Windows only)

npm install -g webpack webpack-dev-server typescript

### **Angular QuickStart**

### <https://angular.io/guide/setup>

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*Worked on base, see folder of Angular in order to copy and run new project*

Install angular cli both global and local:

*npm install -g @angular/cli@latest*

Ng new seed1

Worked on client side

Abandoned the attempt to install Angular, and just copied the app folder & change the app root in app.component.ts to selector: 'app-root',

Note that the login sample registration used for development has

An app.config.ts file with a uri used for http:

**export class AppConfig {**

**public readonly apiUrl = 'http://localhost:5000';**

**};**

Ran 1/24/2016 in the ‘Switching to..’ folder

**cannot read property config of null angular cli**

Ran Wednesday:

Npm install --save-dev @angular/cli@latest

<https://github.com/angular/angular-cli>

Googled ***cannot read property config of null angular cli***

**Ran Thursday, then followed instructions**

**Summary**

*Had run global npm install -g @angular/cli@latest*

*ng init --source-dir [my\_source\_directory]. Default is set to src.*

*ng init --source-dir app*

Ng init

Error: Cannot find module ‘rxjs/operators’

Options at this point (ran option 2 to reduct impact on other stuff)

1 npm install -g rxjs@5.5.6

2 npm install rxjs

Ng build, as example, at this point wouldn’t run - needs an npm install

np

**2)**

npm install

<success>

-- then ran ng build to test...

Versions of @angular/compiler-cli and typescript could not be determined.

The most common reason for this is a broken npm install

Please make sure your package.json contains both @angular/compiler-cli and typescript in devDependencies

3)

ng new appName --directory .

<https://github.com/wmthompson1/aspnet-core-angular2-registration-login-example>

-- >

"devDependencies": {ng

"**@angular/cli":** "^1.6.4",

"@types/node": "^8.0.34",

"concurrently": "^3.5.0",

"lite-server": "^2.3.0",

"typescript": "^2.5.3"

}

^\*\*\*

Clone the CoreNg ‘log…’

api error there was an error running the selected code generator no parameterless constructor for this object

There was an error running the selected code generator:

‘No database provider has been configured for this DbContext. A Provider can be configured by overriding the dbContext.OnConfiguring method

Automapper

<https://www.nuget.org/packages/AutoMapper/>

ttingStarted\APM-Final\src\app

Add a folder, but use ‘two file’ method -.ts and -.html

-- > copy files to

C:\thompson\src\repos\AspNetCoreWebAPI\hello-world

TO repos\asp..\hello

## TR 6 Angular.js

**6.1. Angular CL**I [installation](https://cli.angular.io/) [Deployment](https://www.codeproject.com/Articles/1206306/Integrating-ASP-Net-Core-and-Angular-project)

6.1.1.<https://angular.io/tutorial>

6.1.2.<https://blog.angular.io/>

6.2. [Angular on EC2](http://www.yaoyuyang.com/2017/06/15/how-run-angular-app-on-AWS-EC2-instance.html) (R11)

6.3. Typescript libraries (R12)

6.5 HTML

6.6 Javascript

6.7 RxJS

6.8 Routing

6.9 Bootstrap

[TR 6 Angular](https://drive.google.com/open?id=1KDa1isGjSavDCvciydEveCygyIMQ7q3mLCcfJd9C4Uo)

Get Started ->

**Top Down**

[Angular Cheet Sheet](https://www.google.com/search?source=hp&ei=kt1JWtiKBNC8jwPRxJPABg&q=angular+cheat+sheet&oq=angular+cheat+sheet&gs_l=psy-ab.3..0i10k1l3j0i22i30k1l7.1270.9347.0.10403.22.19.1.1.1.0.180.1399.16j2.18.0....0...1c.1.64.psy-ab..2.20.1404.0..0j46j0i131k1j0i46k1j0i22i10i30k1.0.NpEZ1QGf6EA)

## Resources

R3 @**6.1.2 Install Angular with .Net Core 2.0**

<https://medium.com/@levifuller/building-an-angular-application-with-asp-net-core-in-visual-studio-2017-visualized-f4b163830eaa>

R2 @**6.1.2 Install Angular with .Net Core 2.0**

[**https://code.msdn.microsoft.com/Getting-Started-With-d448f7bf**](https://code.msdn.microsoft.com/Getting-Started-With-d448f7bf)

R1 - Kurata Starter Blog

<https://blogs.msmvps.com/deborahk/category/angular-course-problem-solver/>