CLI Deep Dive & Troubleshooting

Section 1, Lecture 4

In the next lecture, we're going to build our first little app!

If the CLI prompts you to**answer some questions**(some versions do that), you can simply hit **ENTER** for all questions. This will accept the default settings which are fine for this course.

The CLI generates a different welcome screen than you're going to see in my video though. No worries, you'll still be able to follow along without issues! Just make sure to code along **so that your code equals mine** - Angular itself didn't change a bit :)

Depending on the CLI version you're using, you might also need to add the FormsModule  to the imports[]  array in your app.module.ts  file (add it if you don't see it there). You might not fully understand what that all means but we're going to cover that in this course, no worries.

If you don't have FormsModule  in imports[]  in AppModule , please do add it and also add an import at the top of that file: import { FormsModule } from '@angular/forms';

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If you want to **dive deeper into the CLI** and learn more about its usage, have a look at its official **documentation**: <https://github.com/angular/angular-cli/wiki>

**You encountered issues during the installation of the CLI or setup of a new Angular project?**

A lot of problems are solved by making sure you're using the latest version of NodeJS, npm and the CLI itself.

**Updating NodeJS:**

Go to nodejs.org and download the latest version - uninstall (all) installed versions on your machine first.

**Updating npm:**

Run [sudo] npm install -g npm  (sudo  is only required on Mac/ Linux)

**Updating the CLI**

[sudo] npm uninstall -g angular-cli @angular/cli

npm cache clean

[sudo] npm install -g @angular/cli

**Here are some common issues & solutions:**

1. **Creation of a new project takes forever (longer than 3 minutes)**  
   That happens on Windows from time to time => Try running the command line as administrator
2. **You get an EADDR error (Address already in use)**  
   You might already have another ng serve process running - make sure to quit that or use ng serve --port ANOTHERPORT  to serve your project on a new port
3. **My changes are not reflected in the browser (App is not compiling)**  
   Check if the window running ng serve  displays an error. If that's not the case, make sure you're using the latest CLI version and try restarting your CLI



**Commands**

1. npm install -g @angular/cli
2. ng new my-first-app
3. ng serve

