

Angular CLI Setup and Verification



John Papa

PRINCIPAL DEVELOPER ADVOCATE

@john_papa johnpapa.net



Getting Started Fast



Checking Requirements

Installing the Angular CLI

Verifying all is well

Key Resources



Angular CLI Requirements



Checking Requirements

```
$ node -v
```

```
8.11.1
```

Node 8.x or higher

```
$ npm -v
```

```
6.2.0
```

npm 5.x or higher

Always check angular.io for most up to date requirements

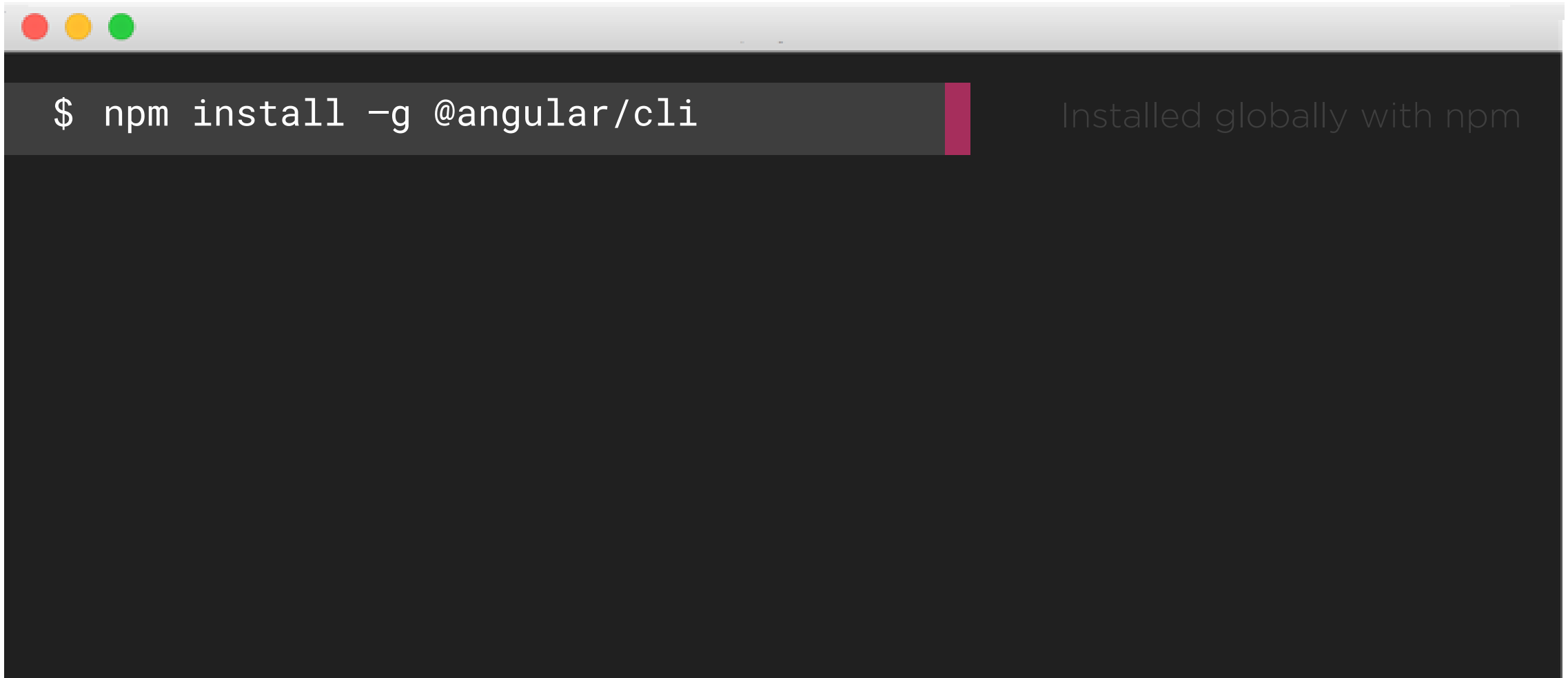
<https://angular.io/guide/quickstart>



Installing the Angular CLI



Installing the Angular CLI



```
$ npm install -g @angular/cli
```

Installed globally with npm

A terminal window with a dark background and a light gray title bar. The title bar has three colored window control buttons (red, yellow, green) on the left. The terminal shows a command prompt '\$' followed by the command 'npm install -g @angular/cli'. A pink vertical bar is positioned at the end of the command line. To the right of the terminal, the text 'Installed globally with npm' is displayed in a light gray font.



\$ ng -v



Angular CLI: 6.0.8

Node: 8.11.1

OS: darwin x64

Angular:

...

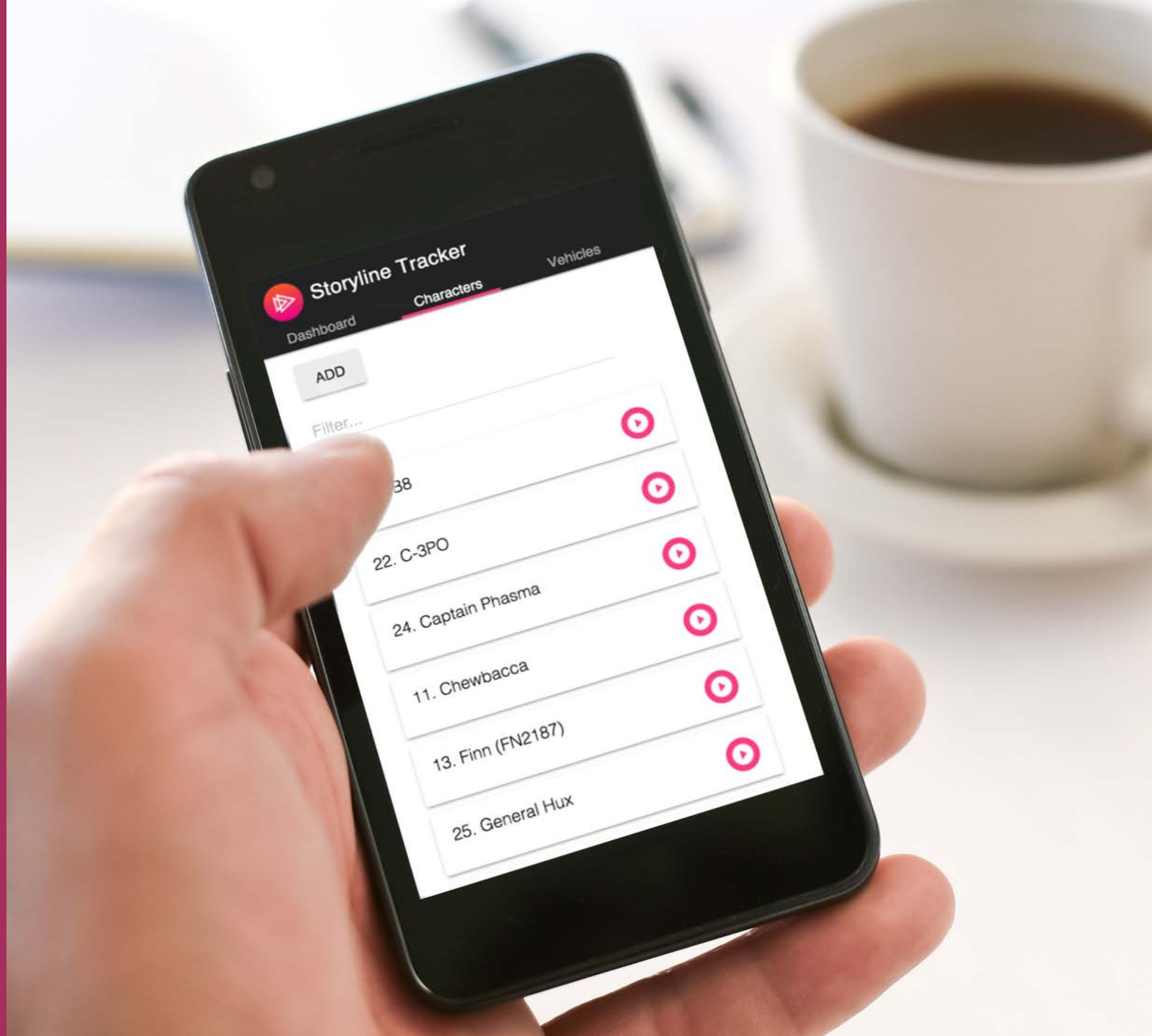
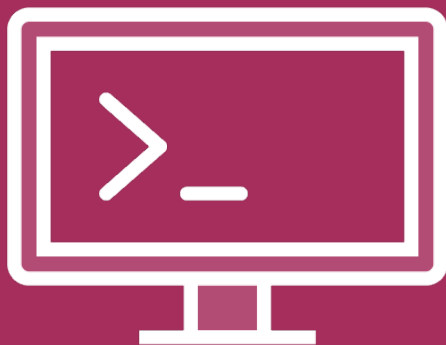
Package	Version
@angular-devkit/architect	0.6.8
@angular-devkit/core	0.6.8
@angular-devkit/schematics	0.6.8
@schematics/angular	0.6.8
@schematics/update	0.6.8
rxjs	6.2.2
typescript	2.7.2

Verifying Your Installation

Verify your OS, node, and Angular CLI versions



Demo



Generating and Verifying a New Application



```
$ ng new ngtest --skip-install
```

Generate the app and skip npm install





Meet the Node requirements

Install with `npm i @angular/cli -g`

Verify that all is well with `ng -v`

Get VS Code

- <https://code.visualstudio.com/>

Install the Angular Essentials Extension Pack

- <http://jpapa.me/angularaessentials>

Refer to the Angular CLI websites

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

