

Angular CLI Setup and Verification



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Getting Started Fast



Checking Requirements

Installing the Angular CLI

Verifying all is well

Key Resources



Angular CLI Requirements



Checking Requirements

```
$ node -v
```

```
14.15.4
```

Active LTS

```
$ npm -v
```

```
6.14.11
```

Always check angular.io for most up to date requirements

<https://angular.io/guide/setup-local>



Installing the Angular CLI



Installing the Angular CLI



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

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 the command `$ npm install -g @angular/cli` entered at the prompt. A vertical pink bar is positioned to the right of the command line.

Installed globally with npm



\$ ng v



```
Angular CLI: 11.0.7  
Node: 14.15.4  
OS: darwin x64
```

```
Angular: 11.0.9  
... animations, common, compiler, compiler-cli, core, forms  
... platform-browser, platform-browser-dynamic, router  
Ivy Workspace: Yes
```

Package	Version

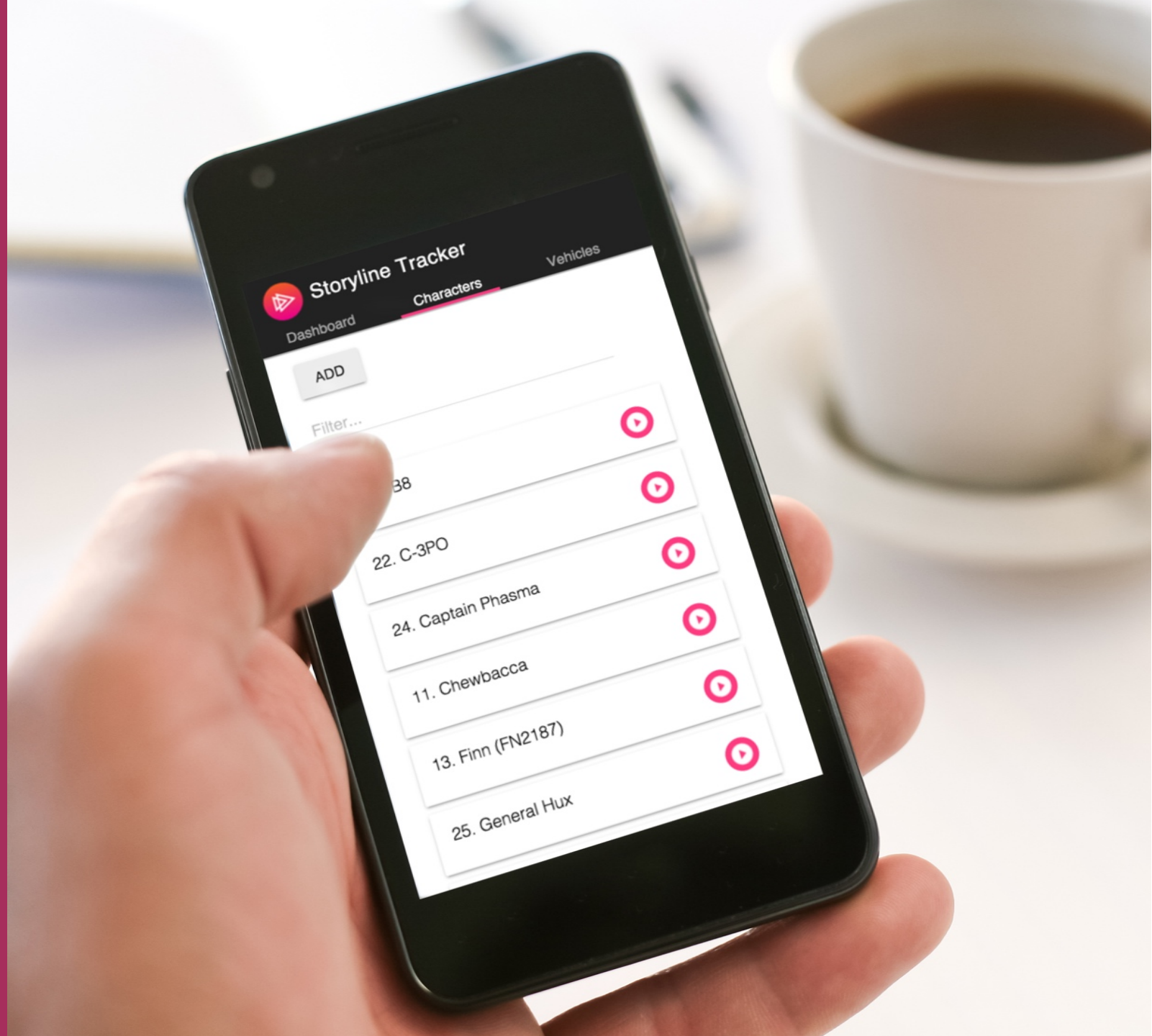
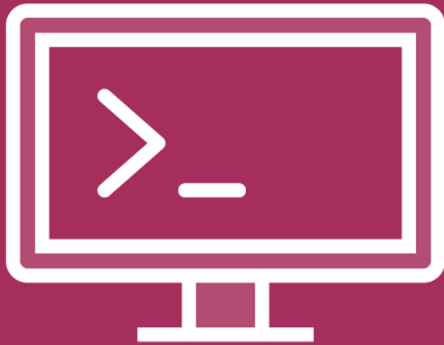
@angular-devkit/architect	0.1100.7
@angular-devkit/build-angular	0.1100.7
@angular-devkit/core	11.0.7
@angular-devkit/schematics	11.0.7
@angular/cli	11.0.7
@schematics/angular	11.0.7
@schematics/update	0.1100.7
rxjs	6.6.3
typescript	4.0.5

Verifying Your Installation

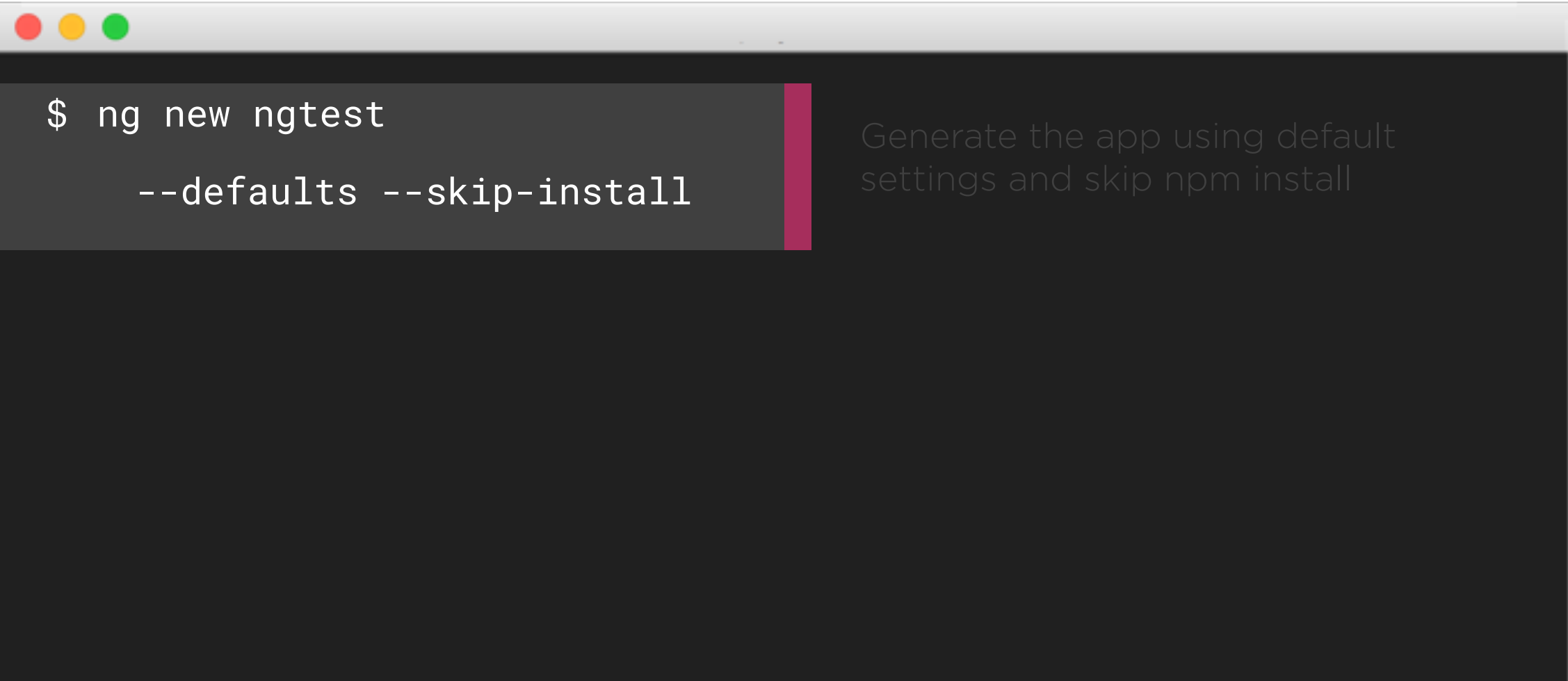
Verify your OS, node, and Angular CLI versions



Demo



Generating and Verifying a New Application



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

Generate the app using default settings 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>

