

# Angular 2 CLI

...

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What is/was your largest barrier to getting started with Angular 2?

**26% Environment setup**

**17% Lack of documentation**

**22% Too complicated**

**35% Other interests**

9:37 AM - 25 Mar 2016

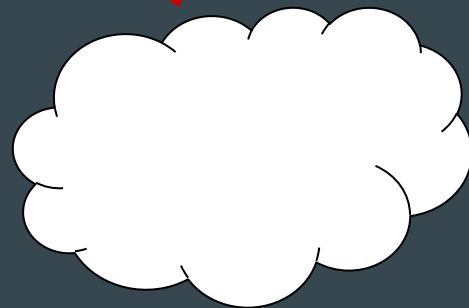
IDEA



BUILD



PROD



Get  
started  
FAST!

AFV

# Getting started

A terminal window with a light gray title bar containing three colored window control buttons (red, yellow, green). The main area is dark gray and contains a white command prompt.

```
> npm install angular-cli -g
```

# New Application



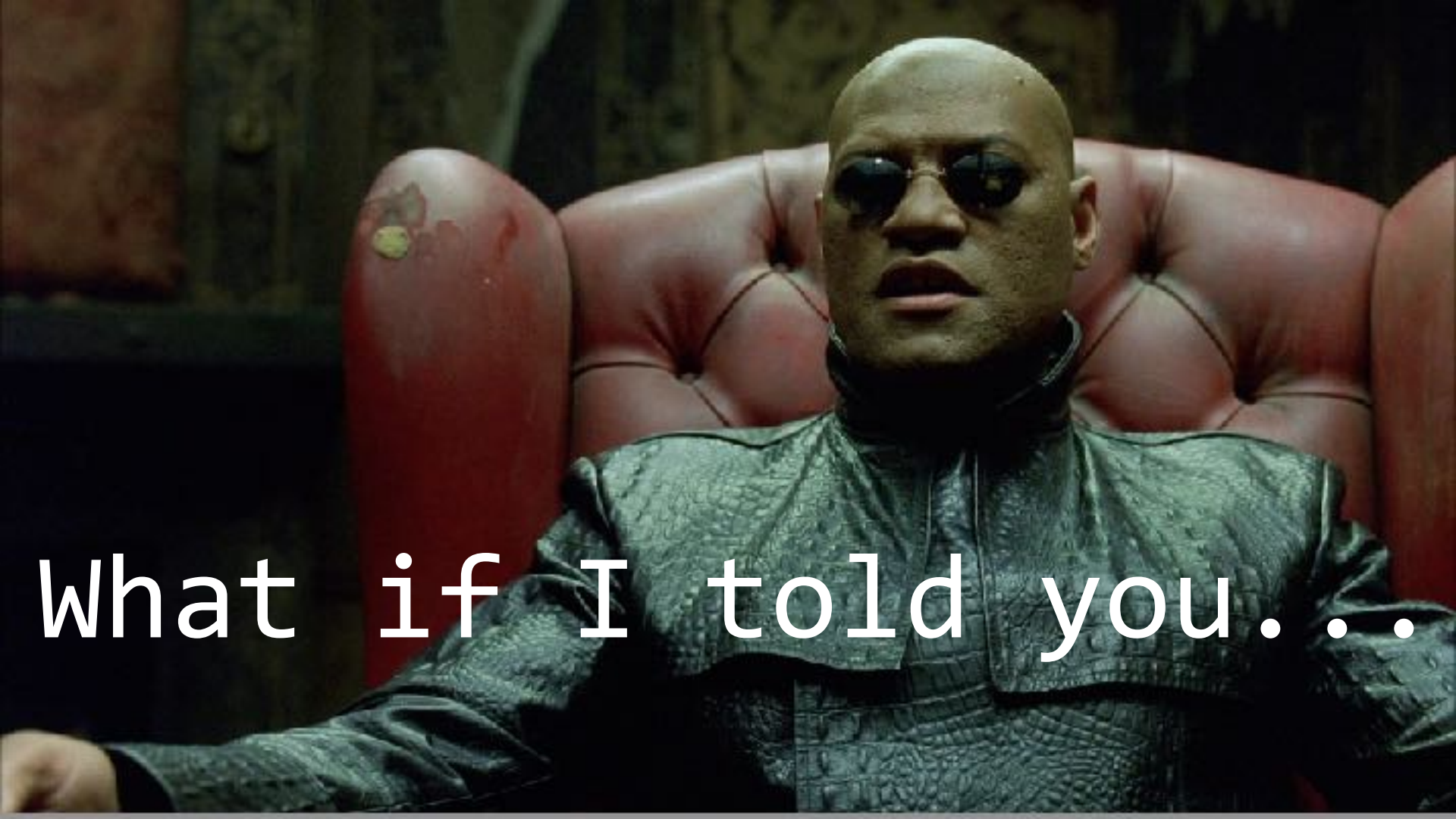
```
> ng new project-name
```

# Build









What if I told you...





CLI can...

A terminal window with a light gray title bar containing three colored window control buttons (red, yellow, green). The main area is dark gray and contains the text "> ng build" in white.

```
> ng build
```

CLI can...

A terminal window with a light gray title bar containing three colored window control buttons (red, yellow, green). The terminal area has a dark background with white text.

```
> ng build
```

```
> ng test
```

CLI can...

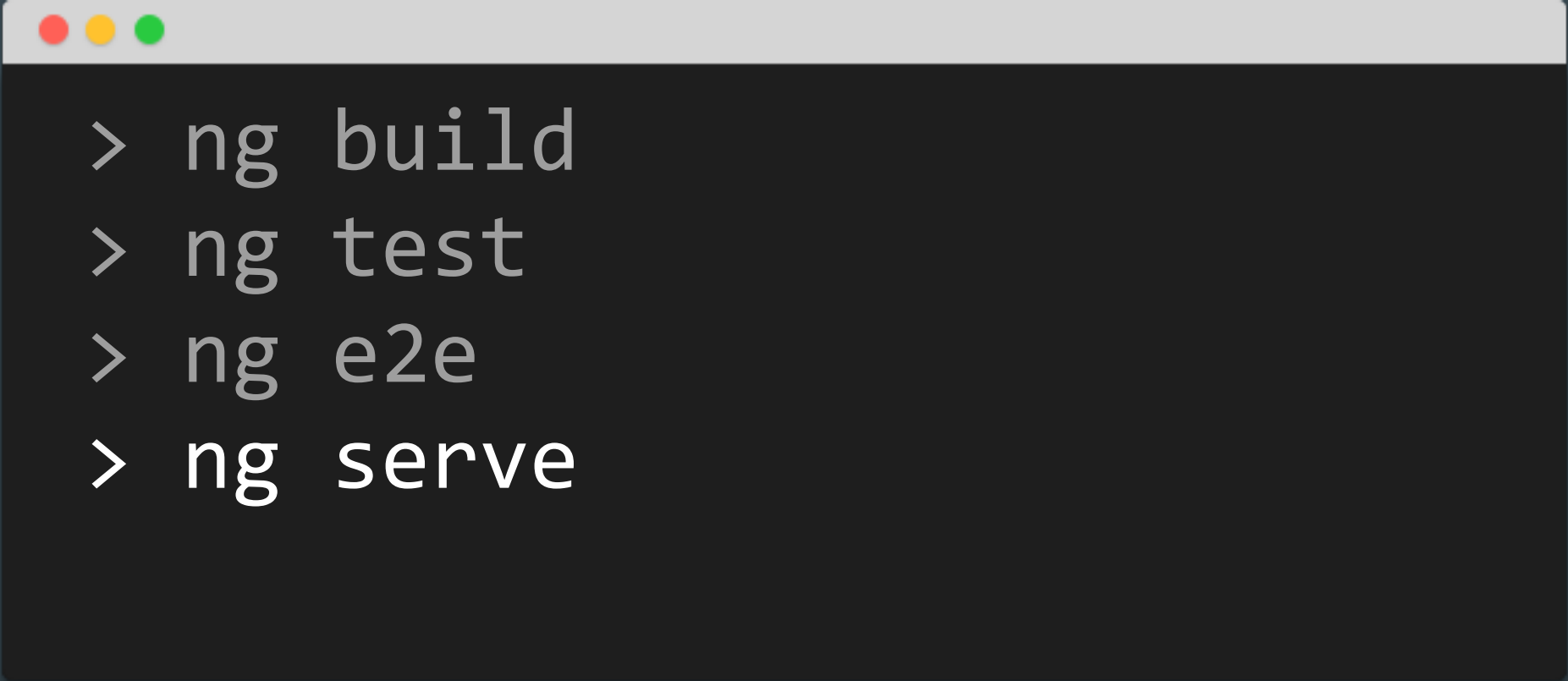


```
> ng build
```

```
> ng test
```

```
> ng e2e
```

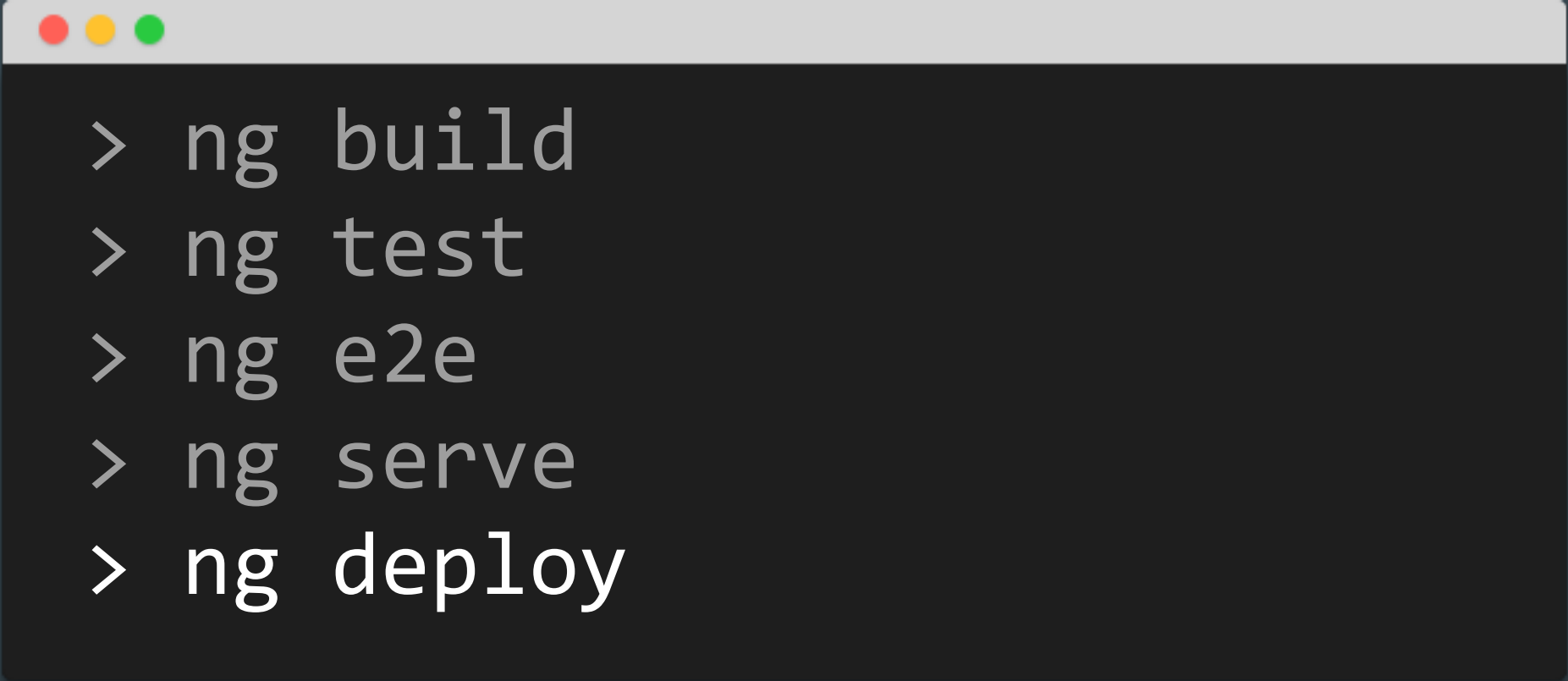
CLI can...



```
> ng build  
> ng test  
> ng e2e  
> ng serve
```

A terminal window with a dark background and a light gray title bar. The title bar contains three colored window control buttons (red, yellow, green) on the left. The terminal displays four commands, each preceded by a prompt character '>'. The first three commands are 'ng build', 'ng test', and 'ng e2e', all in a light gray font. The fourth command, 'ng serve', is in a white font.

CLI can...

A terminal window with a light gray title bar containing three colored window control buttons (red, yellow, green). The terminal has a dark background and displays five command-line prompts, each starting with a white greater-than sign (>). The commands are: 'ng build', 'ng test', 'ng e2e', 'ng serve', and 'ng deploy'. The last command, 'ng deploy', is rendered in a larger font size than the others.

```
> ng build  
> ng test  
> ng e2e  
> ng serve  
> ng deploy
```



**BUT WAIT!**



**THERE'S MORE**

CLI can...

A terminal window with a light gray title bar containing three colored window control buttons (red, yellow, green). The main area is dark gray and contains a single line of white text.

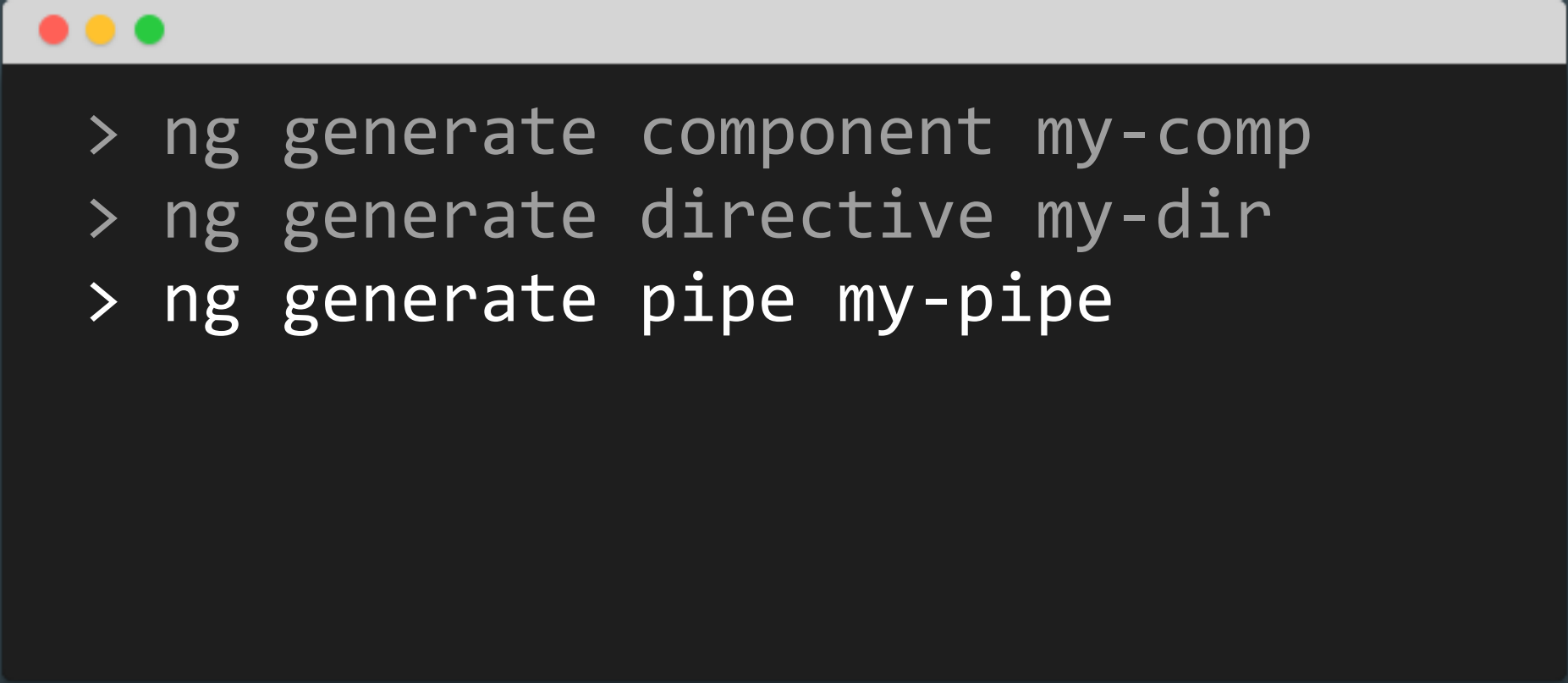
```
> ng generate component my-comp
```

CLI can...

A terminal window with a light gray title bar containing three colored window control buttons (red, yellow, green). The terminal area has a dark background and displays two commands in white text.

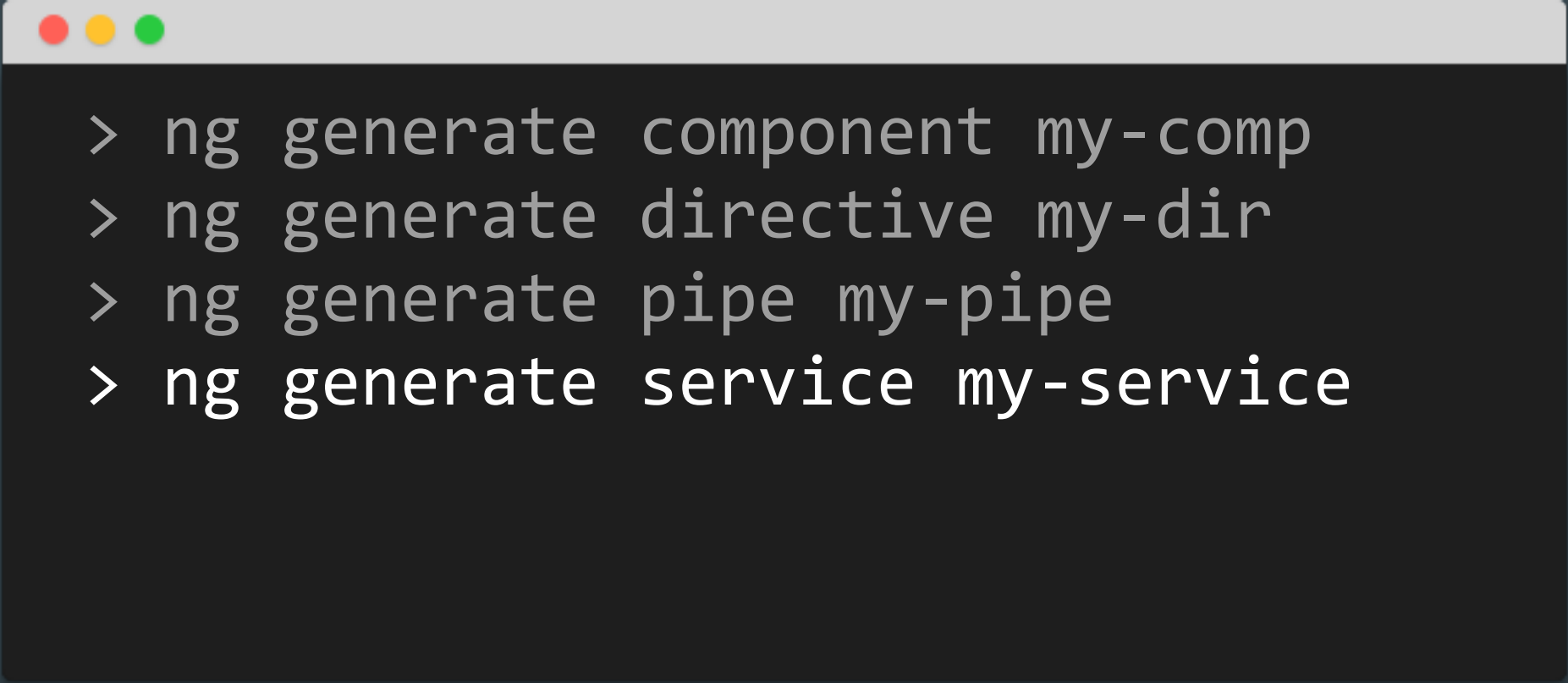
```
> ng generate component my-comp  
> ng generate directive my-dir
```

CLI can...



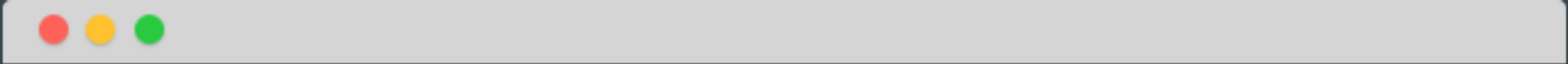
```
> ng generate component my-comp  
> ng generate directive my-dir  
> ng generate pipe my-pipe
```

CLI can...

A terminal window with a light gray title bar containing three colored window control buttons (red, yellow, green). The terminal has a dark background and displays four lines of text, each starting with a white prompt character '>'.

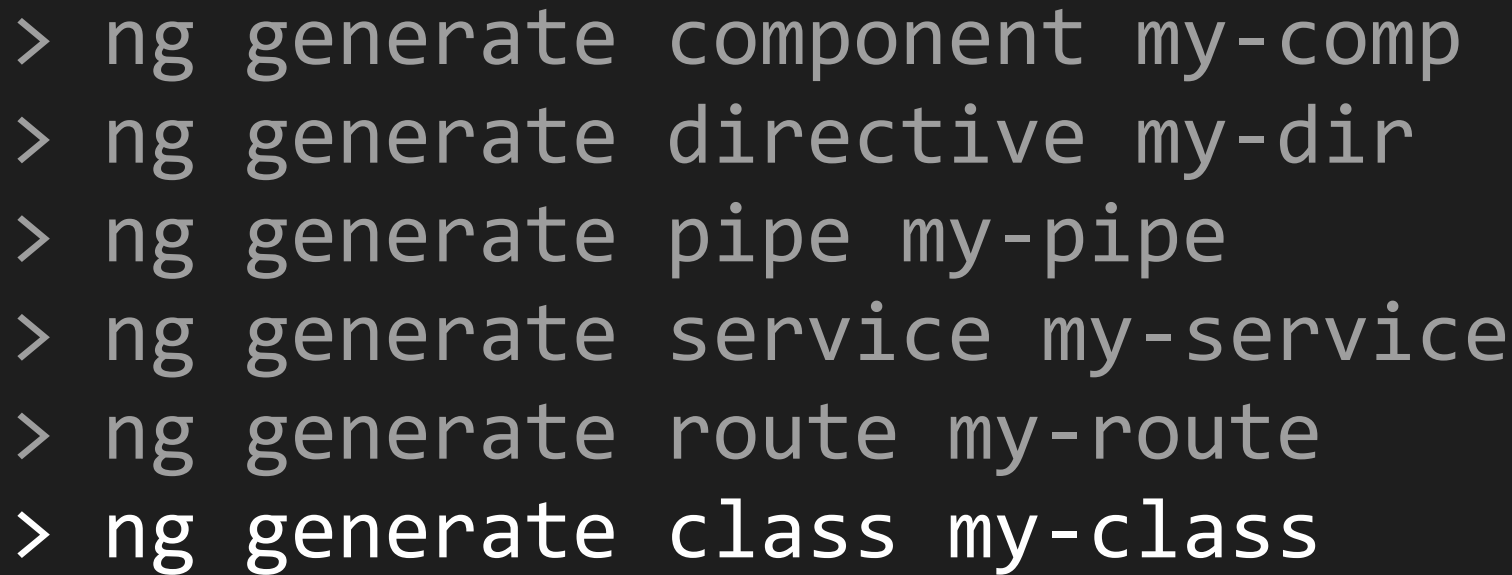
```
> ng generate component my-comp  
> ng generate directive my-dir  
> ng generate pipe my-pipe  
> ng generate service my-service
```

CLI can...

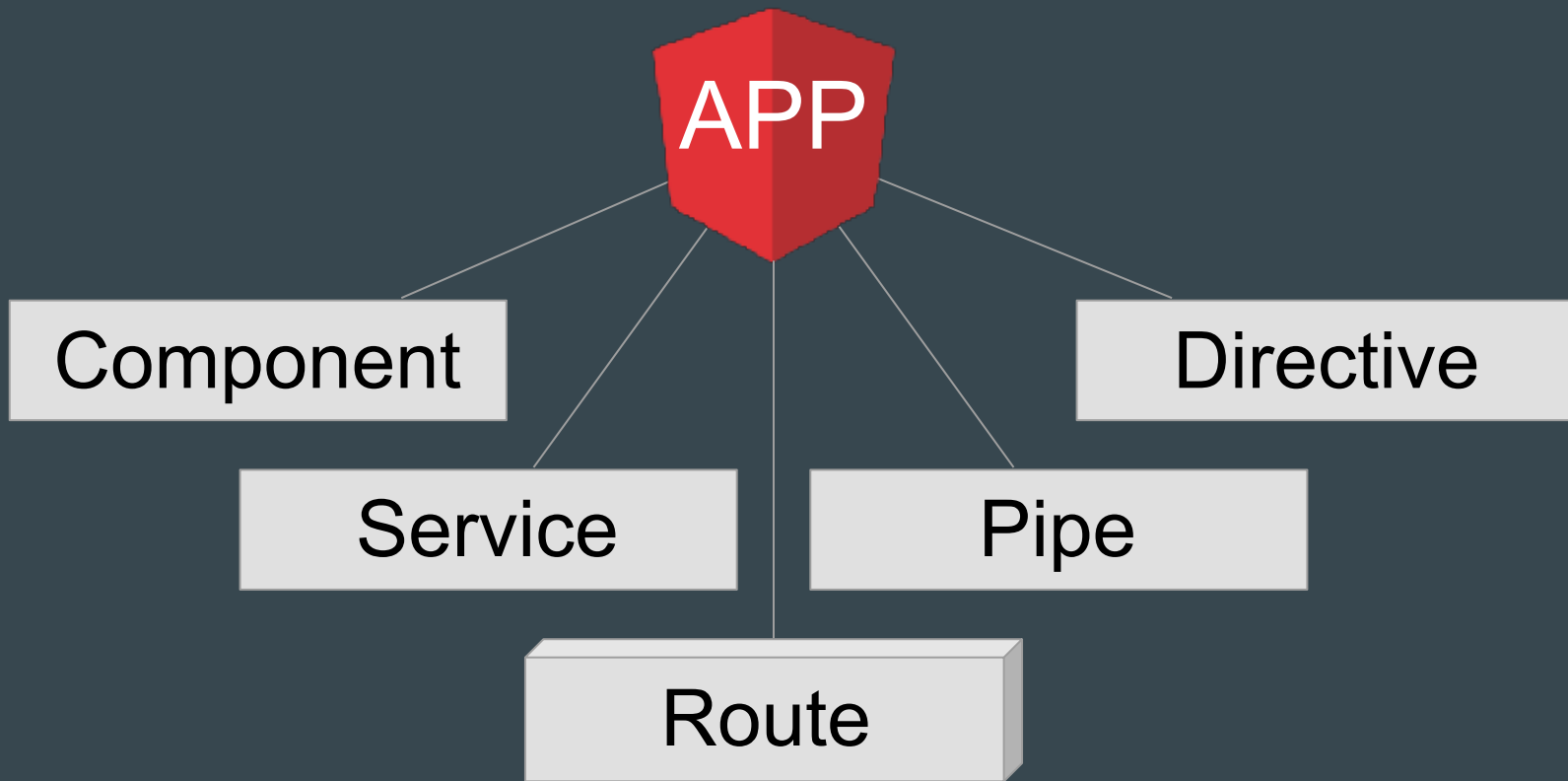


```
> ng generate component my-comp  
> ng generate directive my-dir  
> ng generate pipe my-pipe  
> ng generate service my-service  
> ng generate route my-route
```

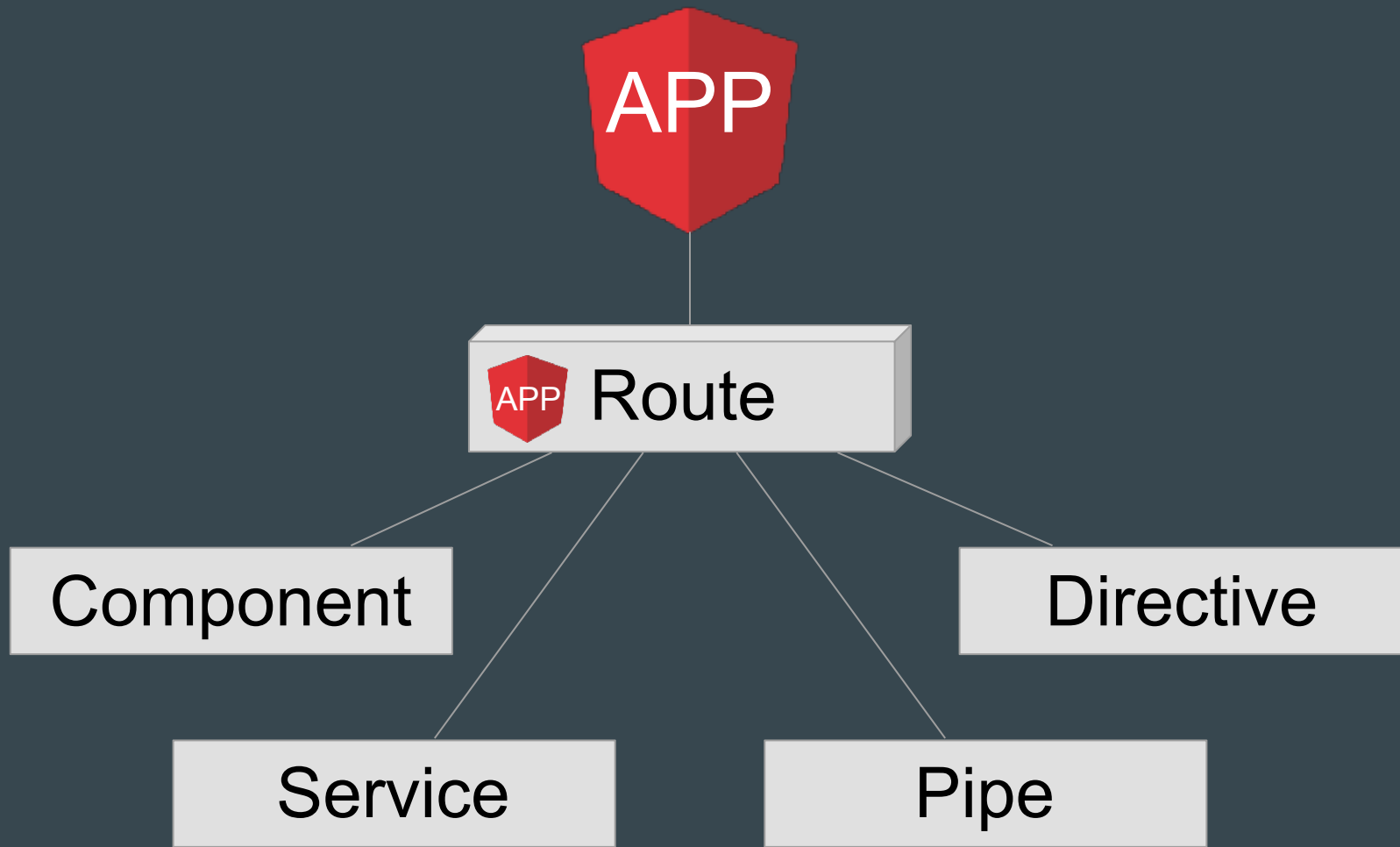
CLI can...

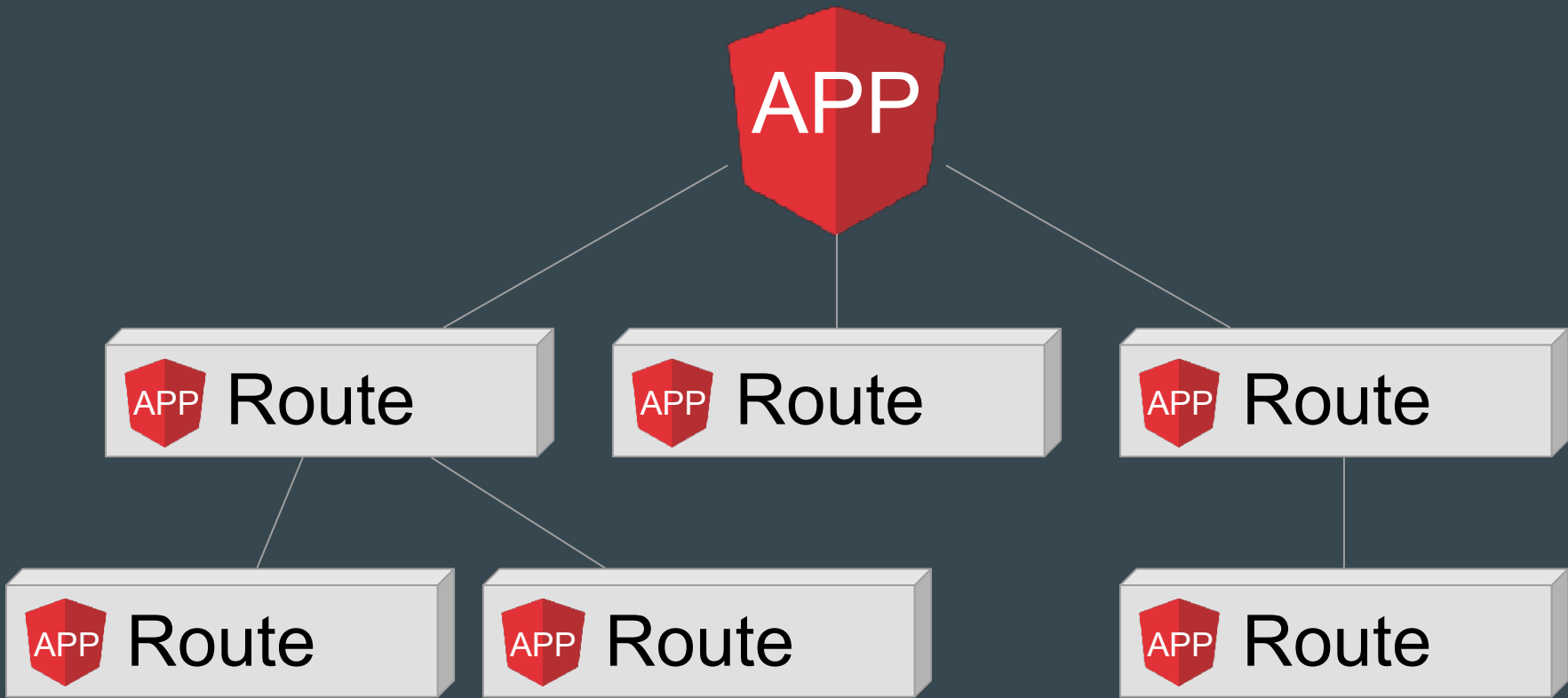


```
> ng generate component my-comp  
> ng generate directive my-dir  
> ng generate pipe my-pipe  
> ng generate service my-service  
> ng generate route my-route  
> ng generate class my-class
```

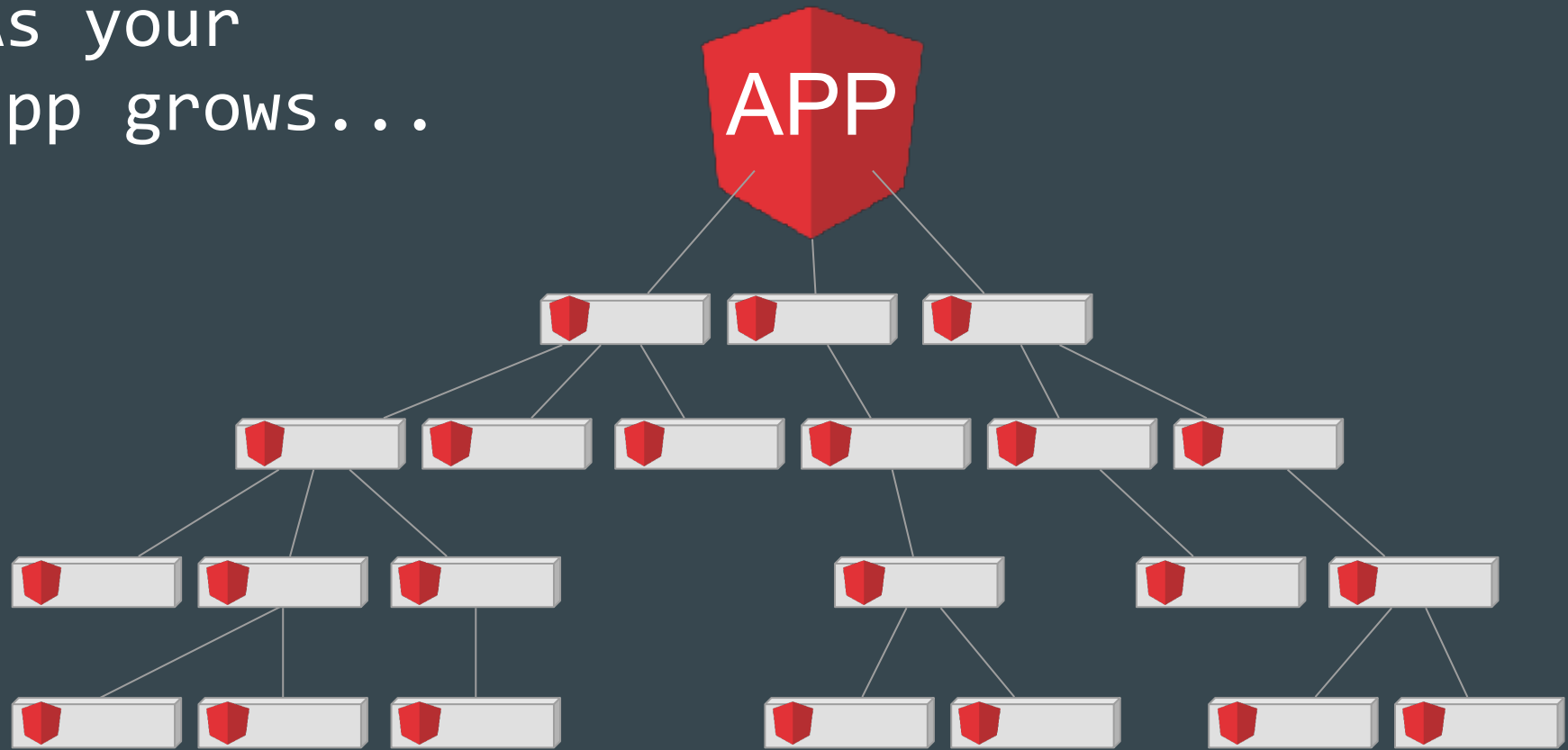








As your  
app grows...



...the CLI grows with it

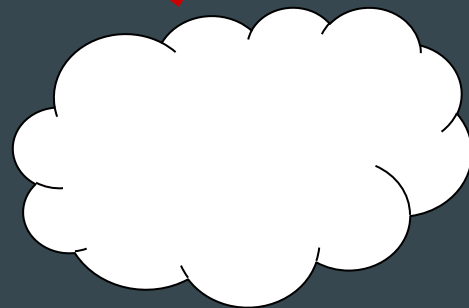
IDEA



BUILD



PROD



Demo Time





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CLI Status

Beta



# Roadmap

Offline template compilation

Lazy loading routes

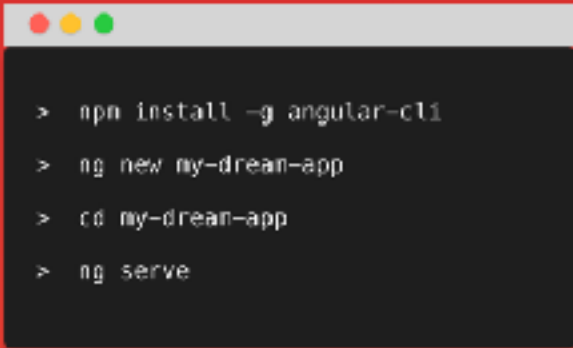
3rd party add-ons (build, deploy)

Angular upgrades

Continuous integration (gen'ed proj)

Produce angular packages

More customizations

A terminal window with a dark background and light gray text. It contains four lines of commands, each preceded by a prompt character '>'. The commands are: 'npm install -g angular-cli', 'ng new my-dream-app', 'cd my-dream-app', and 'ng serve'. The window has a light gray title bar with three colored window control buttons (red, yellow, green) on the left.

```
> npm install -g angular-cli
> ng new my-dream-app
> cd my-dream-app
> ng serve
```

## Angular CLI

A command line interface for Angular

GET STARTED

<http://cli.angular.io>

# Thanks !

...

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