

Generating Routing Features



John Papa

PRINCIPAL DEVELOPER ADVOCATE

@john_papa www.johnpapa.net



Routing



Adding routing features

Considerations before generating a module

Routing paths to components

Generating guards



The NgModule Blueprint with Routing



NgModules and Routing

Generate a new NgModule with **ng g module <name> <options>**

Define a module and a separate routing module with **--routing**



```
$ ng g module admin
```

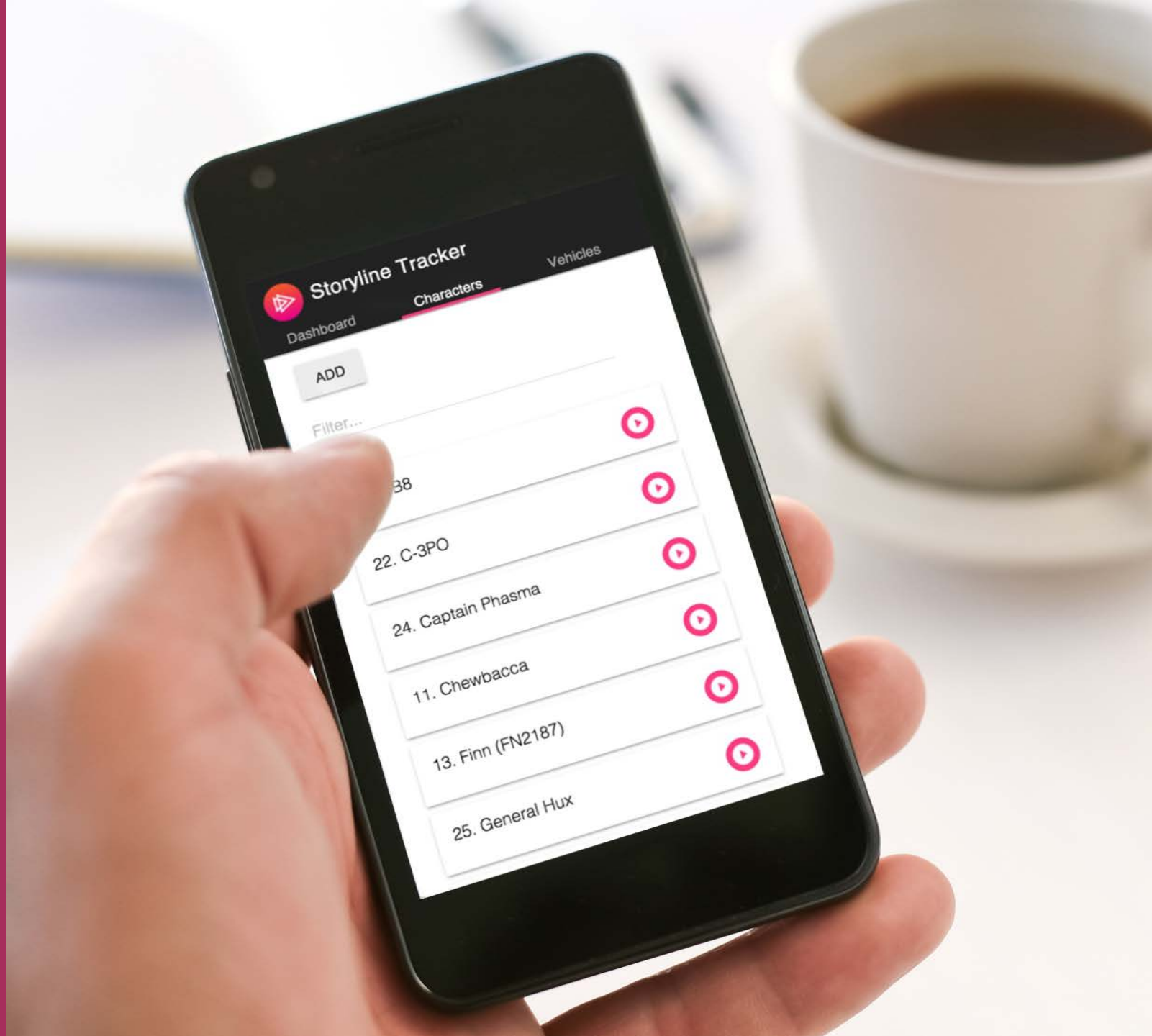
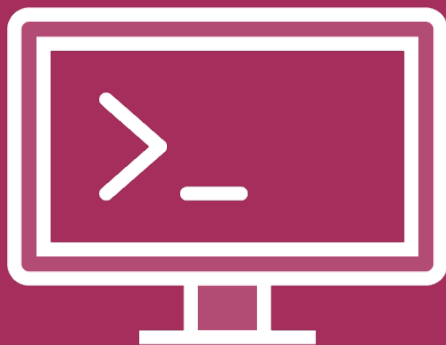
Generate admin.module.ts

```
$ ng g m sales --routing
```

sales.module.ts & sales-routing.module.ts



Demo



Generating an App with Routing Features

Generate a new NgModule with **ng new <app-name> <options>**

Define a separate routing module for the new app with **--routing**



```
$ ng new sales --routing
```

app.module.ts & app-routing.module.ts



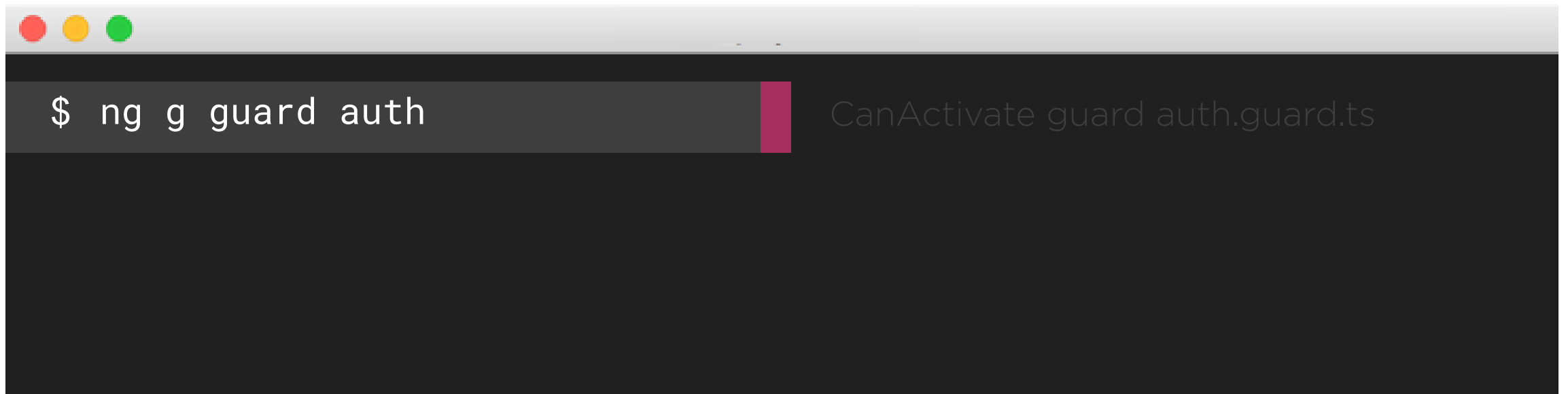
Guards



Guards

Generate a guard for routes

ng g guard <name>

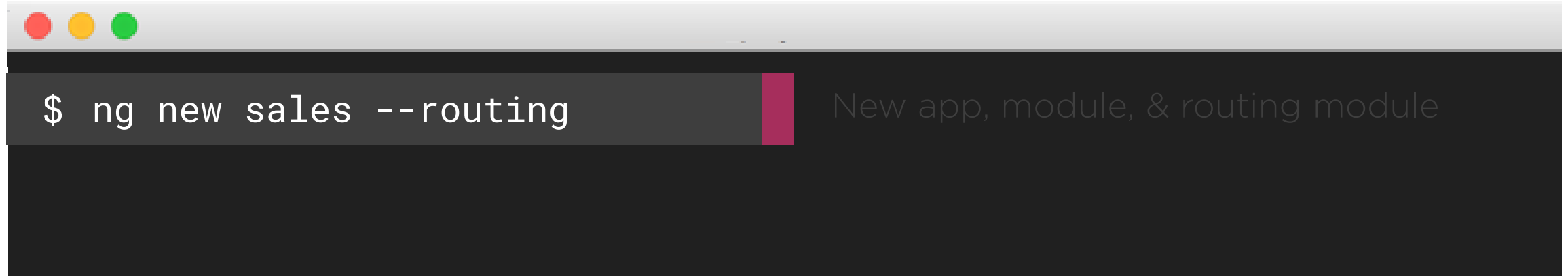


```
$ ng g guard auth
```

CanActivate guard auth.guard.ts

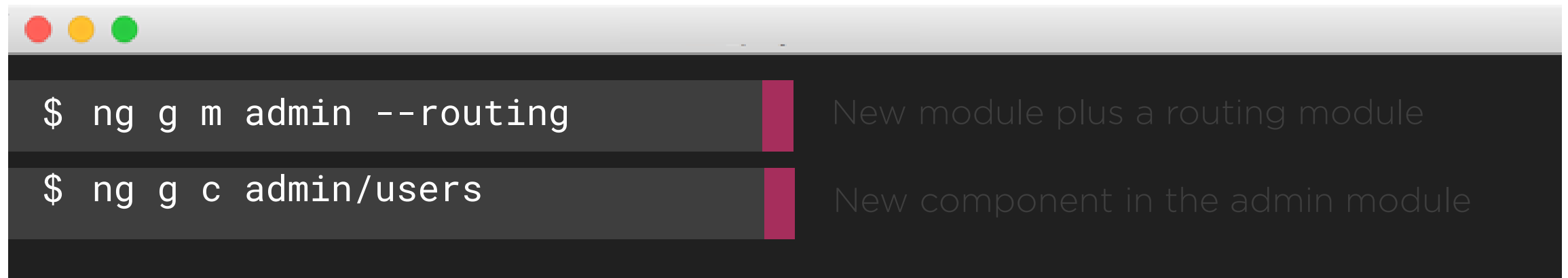


Adding Routing Features with the Angular CLI



```
$ ng new sales --routing
```

New app, module, & routing module



```
$ ng g m admin --routing
```

New module plus a routing module

```
$ ng g c admin/users
```

New component in the admin module



Routing



Consider if you want routing before generating app or module

Add route paths and links

Add guards to be evaluated with routes

