



Angular : Routing

- ❑ Able to setup Navigation and Routing

Navigation and Routing Basics



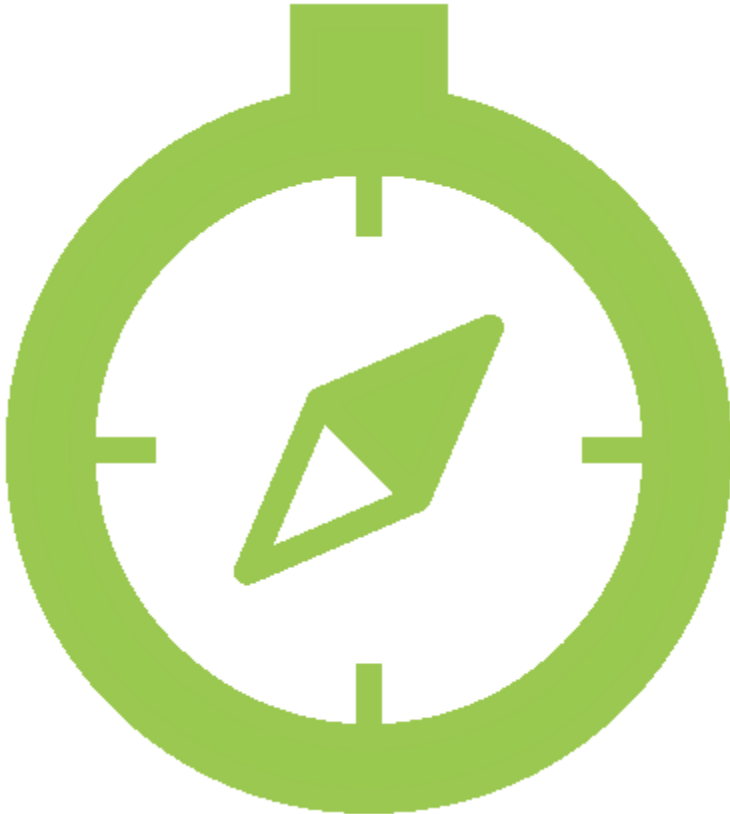
- ☐ Configure a route for each component
- ☐ Define options/actions
- ☐ Tie a route to each option/action
- ☐ Activate the route based on user action
- ☐ Activating a route displays the component's view

Configuring Routes

```
app.module.ts
4  import { AppComponent } from './app.component';
5  import { RestaurantFilterPipe } from './restaurants/restaurant-filter.pipes';
6  import { RestaurantListComponent } from './restaurants/restaurant-list.component';
7
8  import { StarComponent } from './shared/star.component';
9  import { RestaurantDetailComponent } from './restaurants/restaurant-detail.component';
10 import { WelcomeComponent } from './home/welcome.component';
11
12
13 import { RouterModule } from '@angular/router'
14
15 @NgModule({
16   imports: [ BrowserModule,
17     FormsModule,
18     RouterModule.forRoot([], {useHash:true}) ],
19   declarations: [ AppComponent, RestaurantListComponent, RestaurantFilterPipe ,
20     StarComponent, RestaurantDetailComponent, WelcomeComponent],
21   bootstrap: [ AppComponent ]
22 })
23 export class AppModule { }
24
25
```

Configuring Routes

```
app.module.ts x index.html
2  import { BrowserModule } from '@angular/platform-browser';
3  import { FormsModule } from '@angular/forms'
4  import { AppComponent } from './app.component';
5  import { RestaurantFilterPipe } from './restaurants/restaurant-filter.pipes';
6  import { RestaurantListComponent } from './restaurants/restaurant-list.component';
7
8  import { StarComponent } from './shared/star.component';
9  import { RestaurantDetailComponent } from './restaurants/restaurant-detail.component';
10 import { WelcomeComponent } from './home/welcome.component';
11 import { RouterModule } from '@angular/router'
12 @NgModule({
13   imports: [BrowserModule,
14     FormsModule,
15     RouterModule.forRoot([
16       { path: 'restaurants', component: RestaurantListComponent },
17       { path: 'restaurants/:id', component: RestaurantDetailComponent },
18       { path: 'welcome', component: WelcomeComponent },
19       { path: '', redirectTo: 'welcome', pathMatch: 'full' },
20       { path: '**', redirectTo: 'welcome', pathMatch: 'full' }
21     ]), { useHash: true }]),
22   declarations: [AppComponent, RestaurantListComponent, RestaurantFilterPipe,
23     StarComponent, RestaurantDetailComponent, WelcomeComponent],
24   bootstrap: [AppComponent]
25 })
26 export class AppModule { }
```



- Menu option, link, image or button that
- activates a route
- Typing the Url in the address bar / bookmark
- The browser's forward or back buttons

Tying Routes to Actions

app.component.html ✕

```
1  <div>
2  <div class='navbar navbar-default'>
3  <div class='container-fluid'>
4  <a clas='navbar-brnad'> {{pageTitle}} </a>
5  <ul class="nav navbar-nav">
6  <li><a [routerLink]="['/welcome']">Home </a></li>
7  <li><a [routerLink]="['/restaurants']">Restaurants </a></li>
8  </ul>
9
10 </div>
11 <div class="container">
12     <router-outlet></router-outlet>
13 </div>
14 </div>
```




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