

# Styling, Animating, and Watching Routes

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# Module Overview



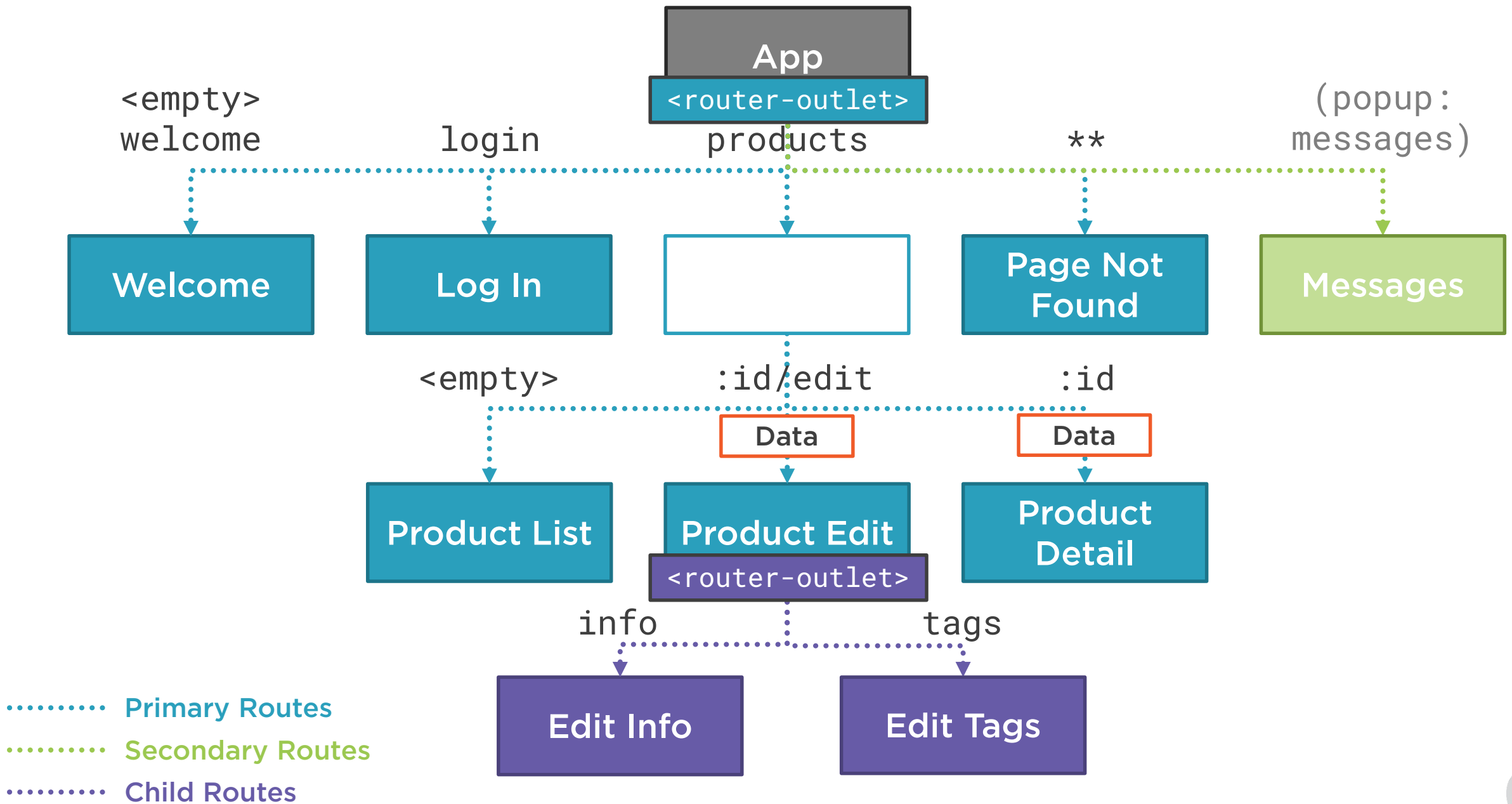
**Styling the Selected Route**

**Animating Route Transitions**

**Watching Routing Events**

**Reacting to Routing Events**






# Styling the Selected Route

[Acme Product Management](#) [Home](#) [Product List](#) [Add Product](#) [Log In](#)

## Add Product

[Basic Information](#) [Search Tags](#) 

### Basic Product Information

**Product Name**

**Product Code**

**Description**

[Save](#) [Cancel](#) [Delete](#)



# Styling the Selected Route

## Template

```
<a [routerLink]="['info']" routerLinkActive="active">  
    Basic Information  
</a>
```



# Animating Route Transitions

## CSS Animation

Quick and easy

Define some CSS

Every route in every component is  
animated!

Not truly animating our routes

## Angular Animation

More complex

Configure the animation

Apply it to every component

May be getting better



# Routing Events

NavigationStart

RoutesRecognized

NavigationEnd

NavigationCancel

NavigationError





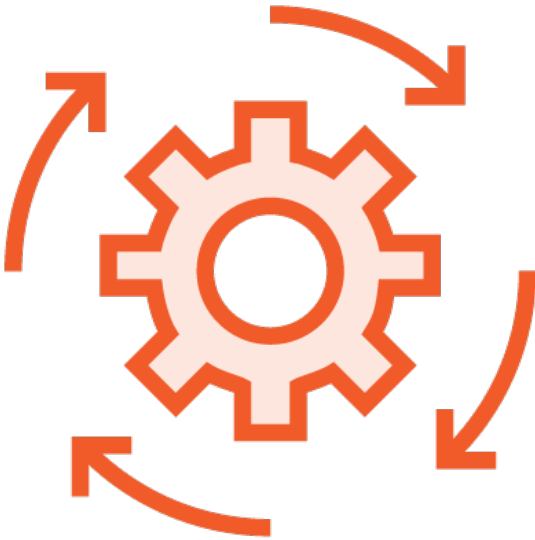
# Watching Routing Events

## app-routing.module.ts

```
imports: [  
  RouterModule.forRoot([  
    { path: 'welcome', component: WelcomeComponent },  
    { path: '', redirectTo: 'welcome', pathMatch: 'full' },  
    { path: '**', component: PageNotFoundComponent }  
  ], { enableTracing: true })  
],  
...
```



# Reacting to Routing Events



**Display a spinner**

**Log actions**

**Execute logic**

# Reacting to Routing Events

## Component Class

```
this.router.events.subscribe((routerEvent: Event) => {  
    if (routerEvent instanceof NavigationStart) {  
        ...  
    }  
});
```



# Routes: Styling



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Style the active route using the  
routerLinkActive directive

Style the correct element

For an exact path match use  
routerLinkActiveOptions

```
<a [routerLink]="['info']" routerLinkActive="active">  
  Basic Information  
</a>
```

```
<li routerLinkActive="active" [routerLinkActiveOptions]="{exact:true}">  
  ...  
</li>
```



# Routes: Animating



Use CSS animation

Use Angular animation



# Routes: Watching Events



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Enable tracing to watch routing events in the console

Add `enableTracing` to the route configuration

```
imports: [  
  RouterModule.forRoot([  
    { path: 'welcome', component: WelcomeComponent },  
    ...  
  ]), { enableTracing: true }  
],  
...  
]
```

# Routes: Reacting to Events



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Subscribe to the Router's events  
observable

Check the event type as needed

```
this.router.events.subscribe((routerEvent: Event) => {  
    if (routerEvent instanceof NavigationStart) {  
        ...  
    }  
});
```



# Summary



**Styled the Selected Route**

**Animated Route Transitions**

**Watched Routing Events**

**Reacted to Routing Events**





