

Secondary Routes



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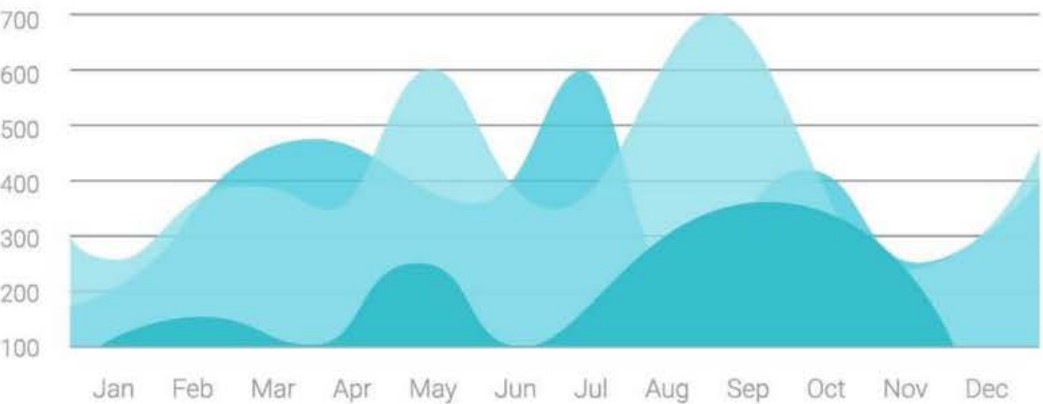


DASHBOARD

ACCOUNTS

COMPANIES

Dashboard



<app-graph>



505.04
Sample text



505.04
Sample text

<app-stats>



<app-pie>

51% 25% 24%



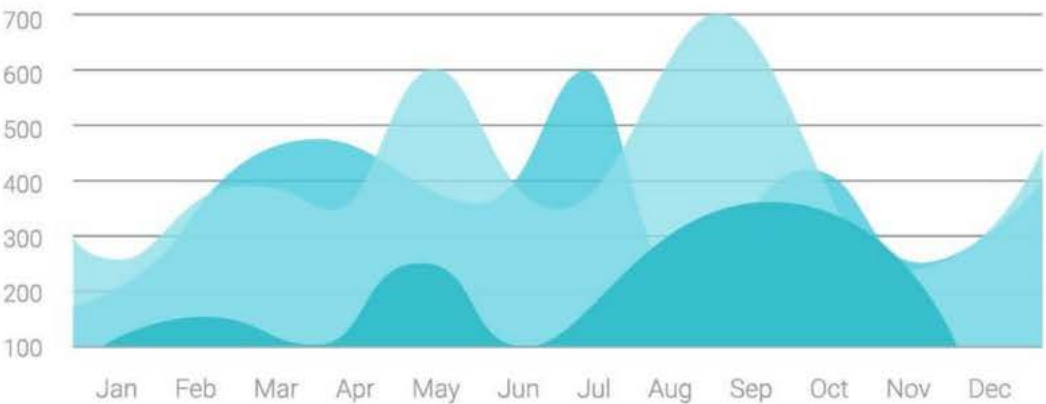
<app-map>

DASHBOARD

ACCOUNTS

COMPANIES

Dashboard



<router-outlet>



505.04
Sample text



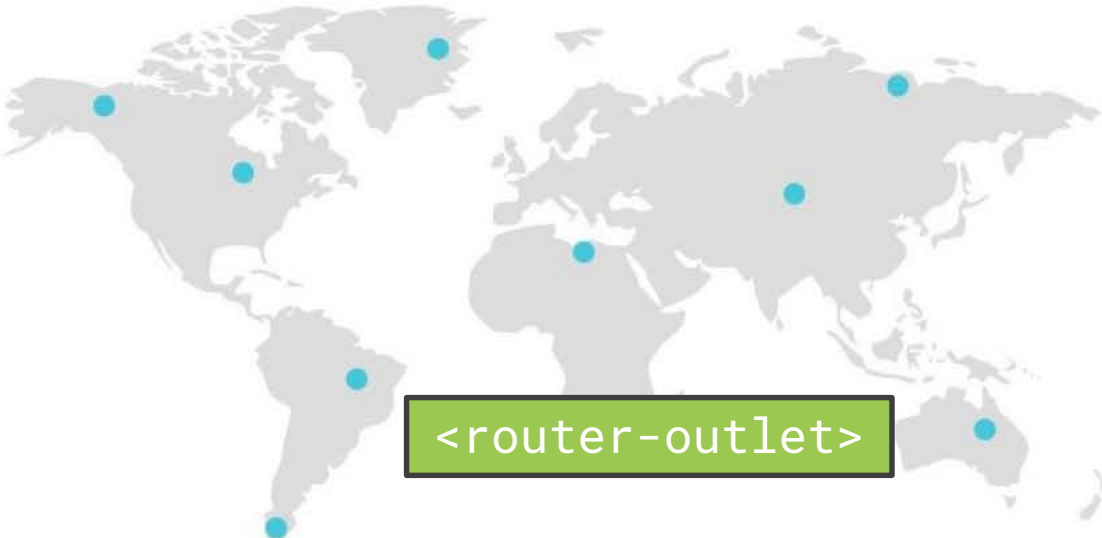
505.04
Sample text

<router-outlet>



<router-outlet>

● 51% ● 25% ● 24%



<router-outlet>

Module Overview



Using Secondary Routes

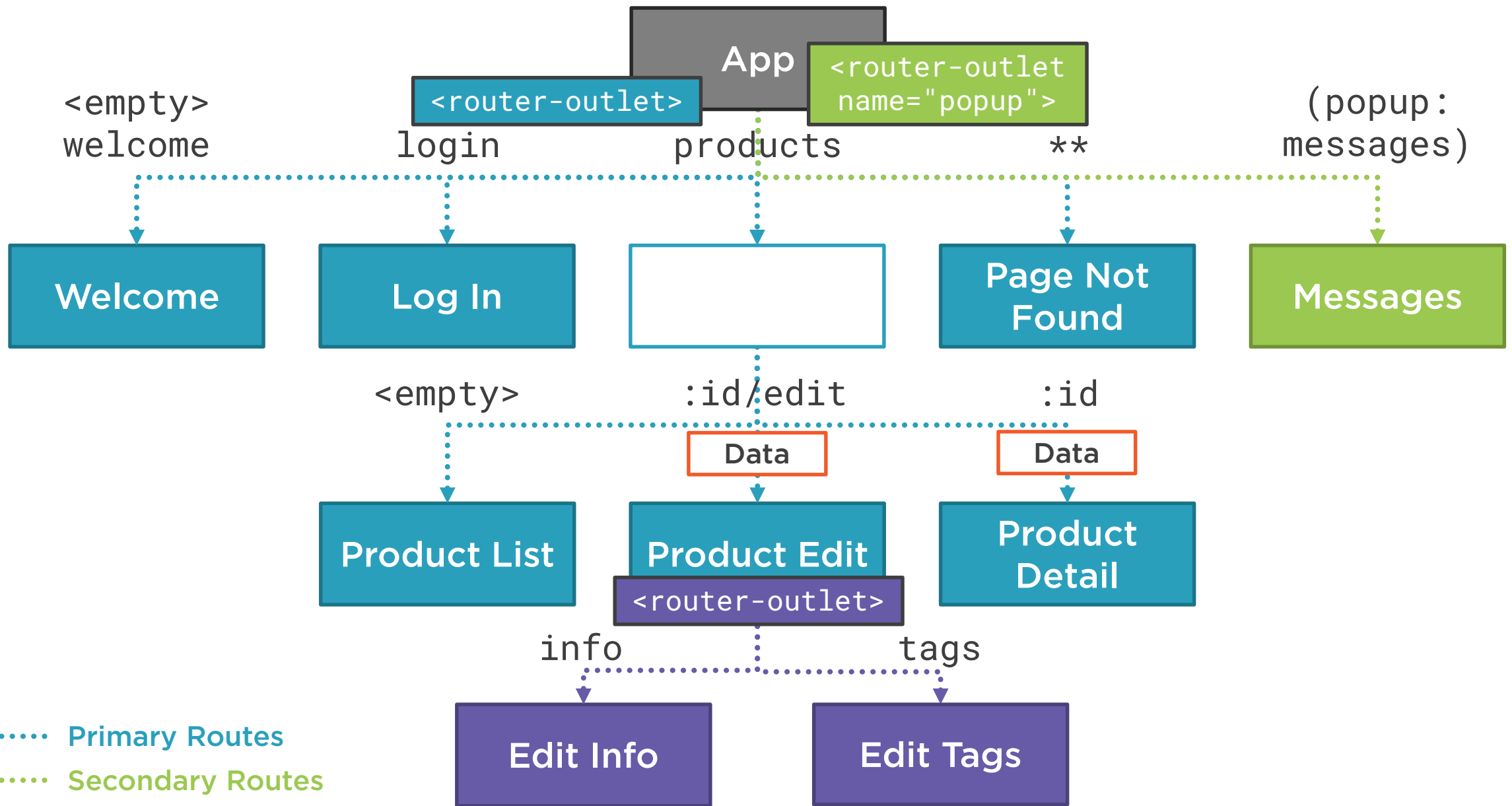
Defining a Named RouterOutlet

Configuring Secondary Routes

Activating Secondary Routes

Clearing Secondary Outlets





Primary Router Outlet

app.component.html

```
<div>
  <nav class="navbar navbar-default">
    <div class="container-fluid">
      <a class="navbar-brand">{{pageTitle}}</a>
      <ul class="nav navbar-nav">
        <li><a [routerLink]="['/welcome']">Home</a></li>
        <li><a [routerLink]="['/products']">Product List</a></li>
        <li><a [routerLink]="['/products', 0, 'edit']">Add Product</a></li>
      </ul>
      ...
    </div>
  </nav>
  <div class="container">
    <router-outlet></router-outlet>
  </div>
</div>
```



<router-outlet>

Product List

Filter by:

[Show Image](#)

Product	Code	Available	Price	5 Star Rating	
Leaf Rake	gdn-0011	March 19, 2016	\$19.95	★ ★ ★	Edit
Garden Cart	gdn-0023	March 18, 2016	\$32.99	★ ★ ★ ★	Edit
Hammer	tbx-0048	May 21, 2016	\$8.90	★ ★ ★ ★ ★	Edit
Saw	tbx-0022	May 15, 2016	\$11.55	★ ★ ★ ★	Edit
Video Game Controller	gmg-0042	October 15, 2015	\$35.95	★ ★ ★ ★ ★	Edit

</router-outlet>

<router-outlet>

Message Log

[x](#)

User: Deborah logged in
at 2/9/2017, 2:25:59 PM

</router-outlet>

Secondary Routes



Dashboard

Multi-window user interface

Notes or comments

Messages

...


```
<router-outlet>
```

Product List						
Filter by:	<input type="text"/>					
Show Image	Product	Code	Available	Price	5 Star Rating	
	Leaf Rake	gdn-0011	March 19, 2016	\$19.95	★ ★ ★	Edit
	Garden Cart	gdn-0023	March 18, 2016	\$32.99	★ ★ ★ ★	Edit
	Hammer	tbx-0048	May 21, 2016	\$8.90	★ ★ ★ ★ ★	Edit
	Saw	tbx-0022	May 15, 2016	\$11.55	★ ★ ★ ★	Edit
	Video Game Controller	gmg-0042	October 15, 2015	\$35.95	★ ★ ★ ★ ★	Edit

```
</router-outlet>
```

```
<router-outlet name="details">
```

Details page here

```
</router-outlet>
```

```
<router-outlet name="popup">
```

Message Log

x

User: Deborah logged in
at 2/9/2017, 2:25:59 PM

```
</router-outlet>
```

```
<router-outlet name="images">
```

Images displayed here

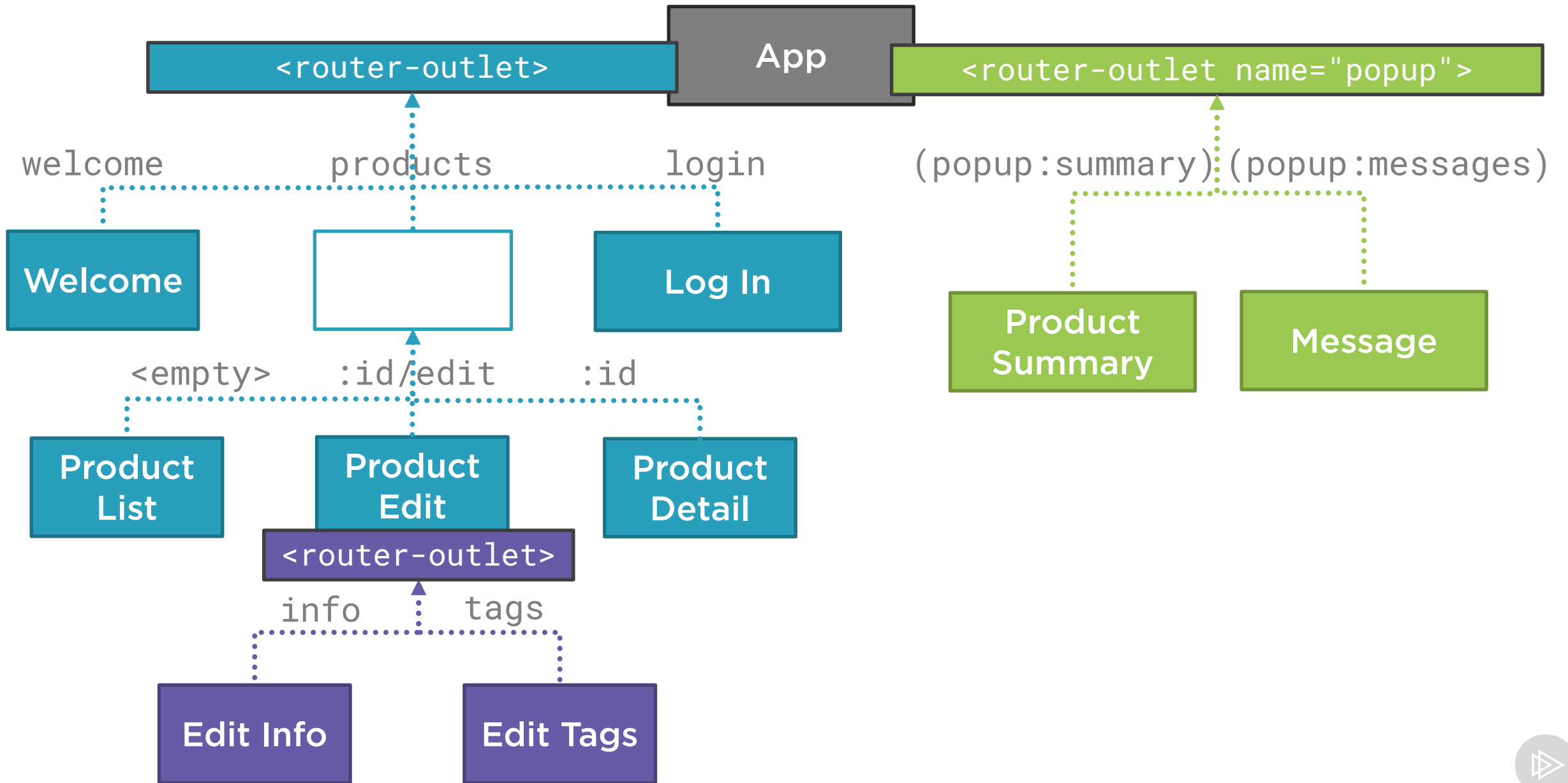
```
</router-outlet>
```

Configuring Secondary Routes

Angular Module

```
RouterModule.forChild([
  {
    path: 'messages',
    component: MessageComponent,
    outlet: 'popup'
  },
])
```





Activating Secondary Routes: Router Link

Template

```
<a [routerLink]="[{ outlets: { popup: ['messages'] } }]">Messages</a>
```

```
<a [routerLink]="['/products', product.id, 'edit',  
  { outlets: { popup: ['summary', product.id] } }]">Messages</a>
```



Activating Secondary Routes: In Code

Component Class

```
this.router.navigate([{ outlets: { popup: ['messages'] } }]);
```

```
this.router.navigate([' /products', product.id, 'edit',  
                      { outlets: { popup: ['summary', product.id] } }]);
```

```
this.router.navigate([{ outlets: {  
                          primary: [' /products', product.id, 'edit'],  
                          popup: ['summary', product.id]  
                        } }]);
```

```
this.router.navigateByUrl(' /products/5/edit(summary/5)');
```



Clearing Secondary Outlets

Template

```
<a [routerLink]="[{ outlets: { popup: null } }]">x</a>
```

Component Class

```
this.router.navigate([{ outlets: { popup: null } }]);
```

```
this.router.navigateByUrl('/login');
```



Secondary Routes: Named RouterOutlet



Add another RouterOutlet within a template

Set its name attribute to a unique name

```
<div class="container">  
  <router-outlet></router-outlet>  
  
  <router-outlet name='popup'></router-outlet>  
</div>
```



Secondary Routes: Configuring







Add the outlet property

Set it to the name of the associated RouterOutlet

```
RouterModule.forChild([
  {
    path: 'messages',
    component: MessageComponent,
    outlet: 'popup'
  },
])
```



Secondary Routes: Activating







Activate a secondary route using an object and setting its outlets property

- Key: Outlet name
- Value: Link parameters array

```
<a [routerLink]="[{ outlets: { popup: ['messages'] } }]">Messages</a>
```

```
this.router.navigate([{ outlets: { popup: ['messages'] } }]);
```



Secondary Routes: Clearing







Clear a secondary route using an object and setting its outlets property

- Key: Outlet name
- Value: null

```
<a [routerLink]="[{ outlets: { popup: null } }]">Messages</a>
```

```
this.router.navigate([{ outlets: { popup: null } }]);
```



Summary



Using Secondary Routes

Defined a Named RouterOutlet

Configured a Secondary Route

Activated a Secondary Route

Cleared Secondary Outlet



