

Secondary Routes



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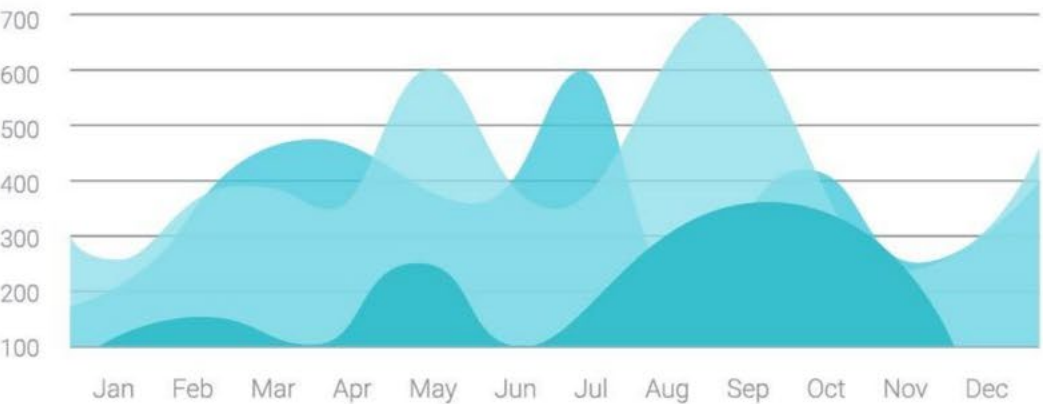


DASHBOARD

ACCOUNTS

COMPANIES

Dashboard



<app-graph>



505.04
Sample text



505.04
Sample text

<app-stats>



<app-pie>

51% 25% 24%



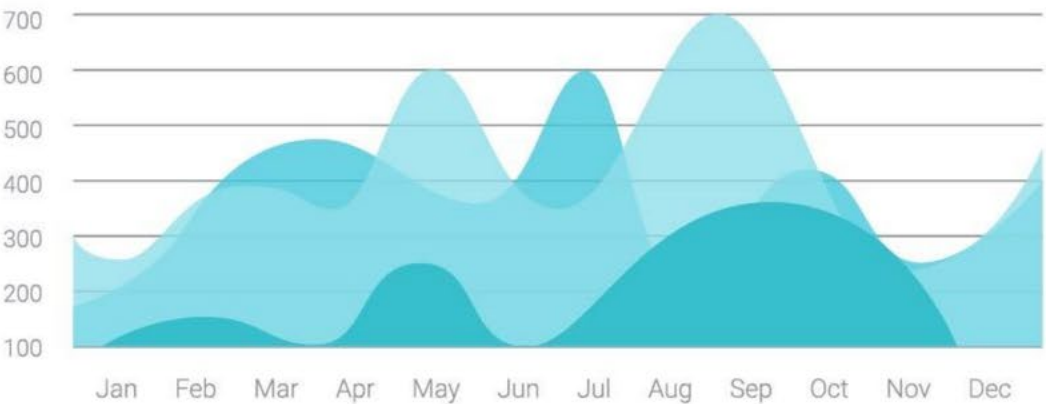
<app-map>

DASHBOARD

ACCOUNTS

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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

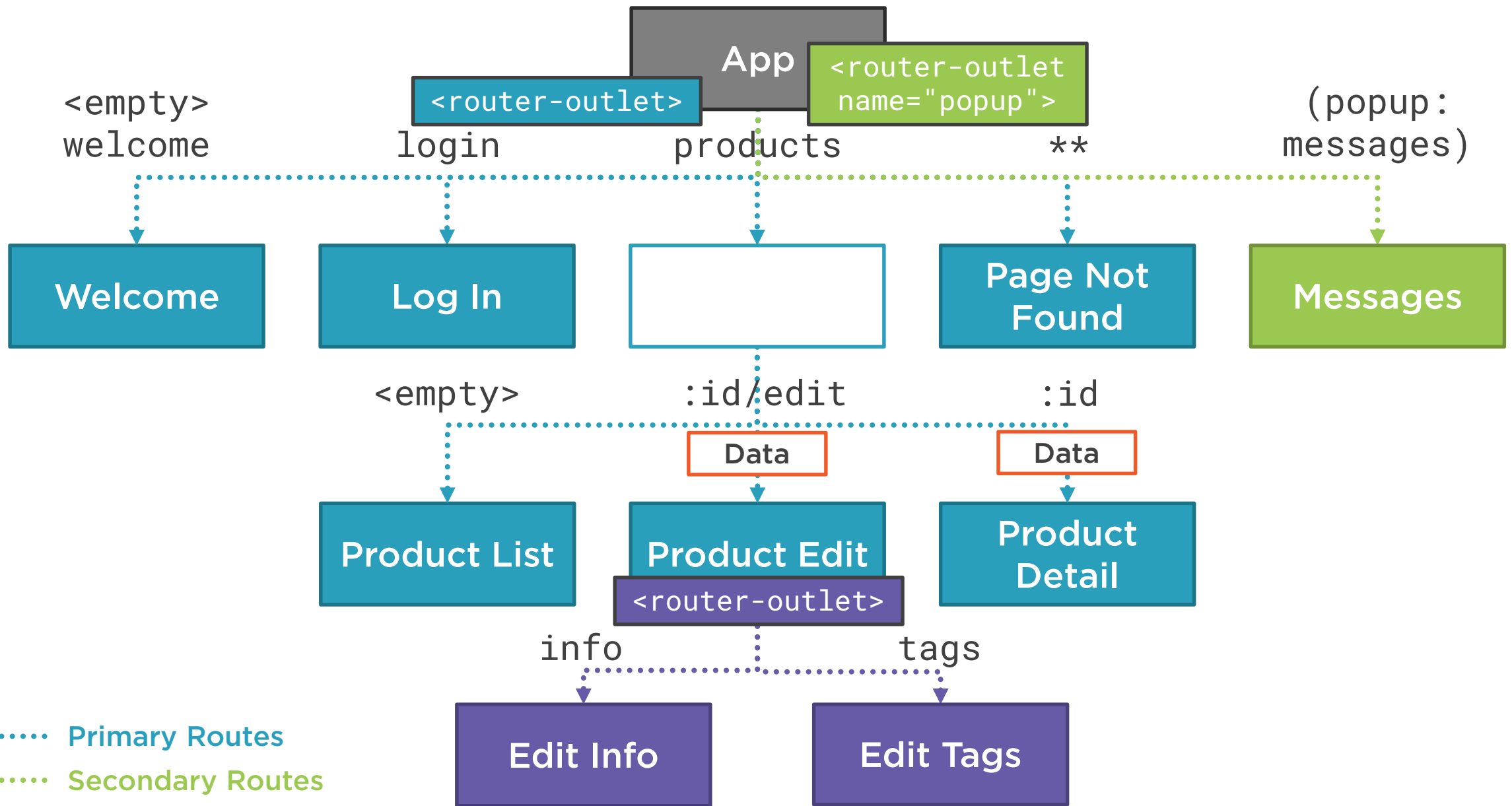
Defining a Named RouterOutlet

Configuring Secondary Routes

Activating Secondary Routes

Clearing Secondary Outlets





- Primary Routes
- Secondary Routes
- Child Routes



Primary Router Outlet

app.component.html

```
<nav class="navbar">
  <a class="navbar-brand">{{pageTitle}}</a>
  <ul>
    <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>
  ...
</nav>

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



<router-outlet></router-outlet>

Product List						
Filter by: <input type="text"/>						
Show Image	Product	Code	Available	Price	5 Star Rating	
	Leaf Rake	GDN-0011	March 19, 2018	\$19.95	★★★★	Edit
	Garden Cart	GDN-0023	March 18, 2018	\$32.99	★★★★★	Edit
	Hammer	TBX-0048	May 21, 2018	\$8.90	★★★★★	Edit
	Saw	TBX-0022	May 15, 2018	\$11.55	★★★★	Edit
	Video Game Controller	GMG-0042	October 15, 2018	\$35.95	★★★★★	Edit

<router-outlet>
</router-outlet>

Messages x

User: Deborah
logged in at
12/7/2018,
3:40:06 PM



Secondary Routes



Dashboard

Multi-window user interface

Notes or comments

Messages

...


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

Product List						
Filter by: <input type="text"/>						
Show Image	Product	Code	Available	Price	5 Star Rating	
	Leaf Rake	GDN-0011	March 19, 2018	\$19.95	★★★★1	Edit
	Garden Cart	GDN-0023	March 18, 2018	\$32.99	★★★★1	Edit
	Hammer	TBX-0048	May 21, 2018	\$8.90	★★★★★	Edit
	Saw	TBX-0022	May 15, 2018	\$11.55	★★★★	Edit
	Video Game Controller	GMG-0042	October 15, 2018	\$35.95	★★★★★	Edit

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

Details page here

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

Messages x

User: Deborah
logged in at
12/7/2018,
3:40:06 PM

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

Images displayed here

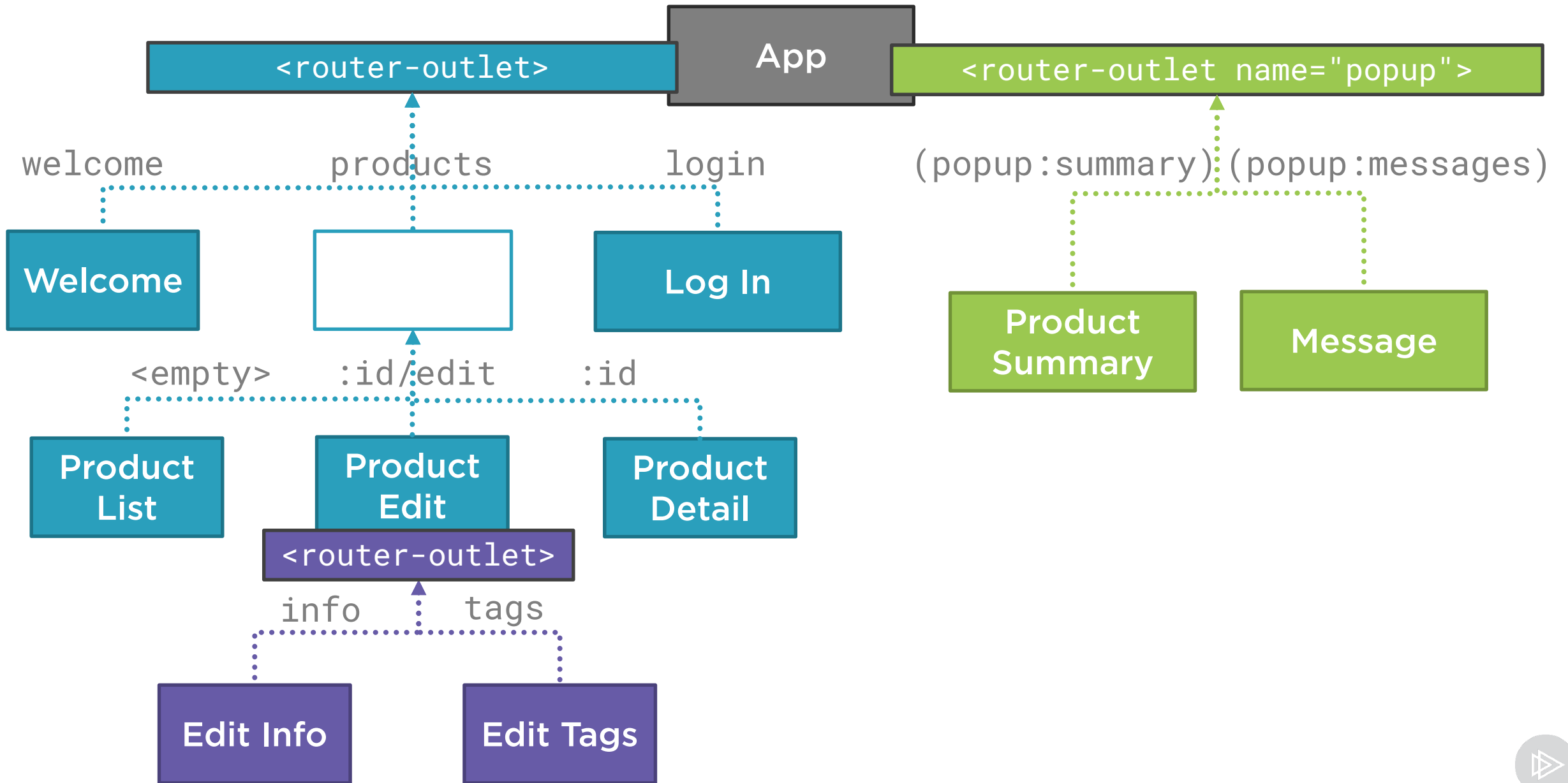


Configuring Secondary Routes

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(popup:summary/5)' );
```



Clearing Secondary Outlets

Template

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

Component Class

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

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



Secondary Routes Checklist: 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 Checklist: Configuring



Add the outlet property

Set it to the name of the associated RouterOutlet

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



Secondary Routes Checklist: **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 Checklist: 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

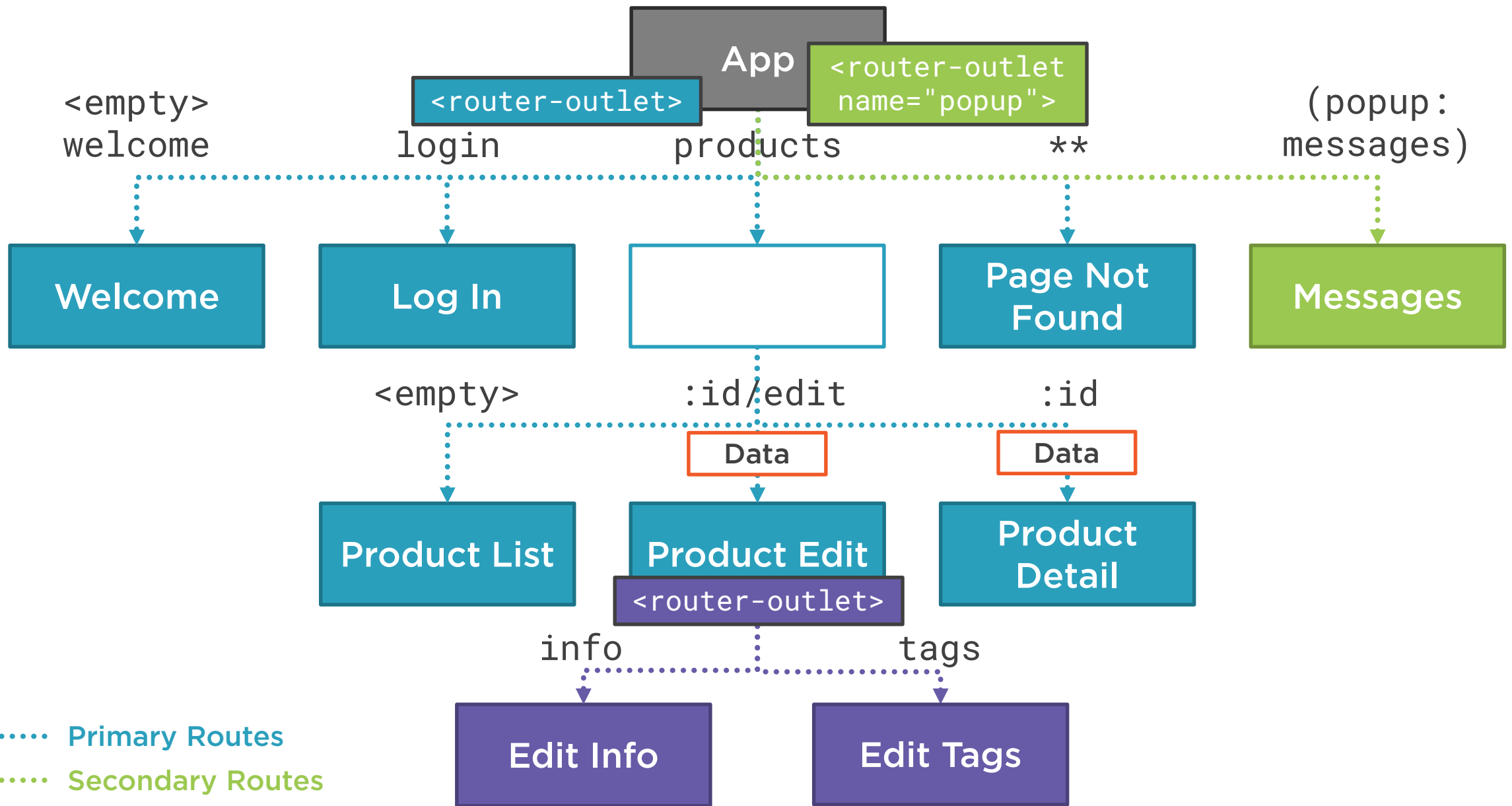
Defined a Named RouterOutlet

Configured a Secondary Route

Activated a Secondary Route

Cleared Secondary Outlet





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