

# Grouping and Component-less Routes

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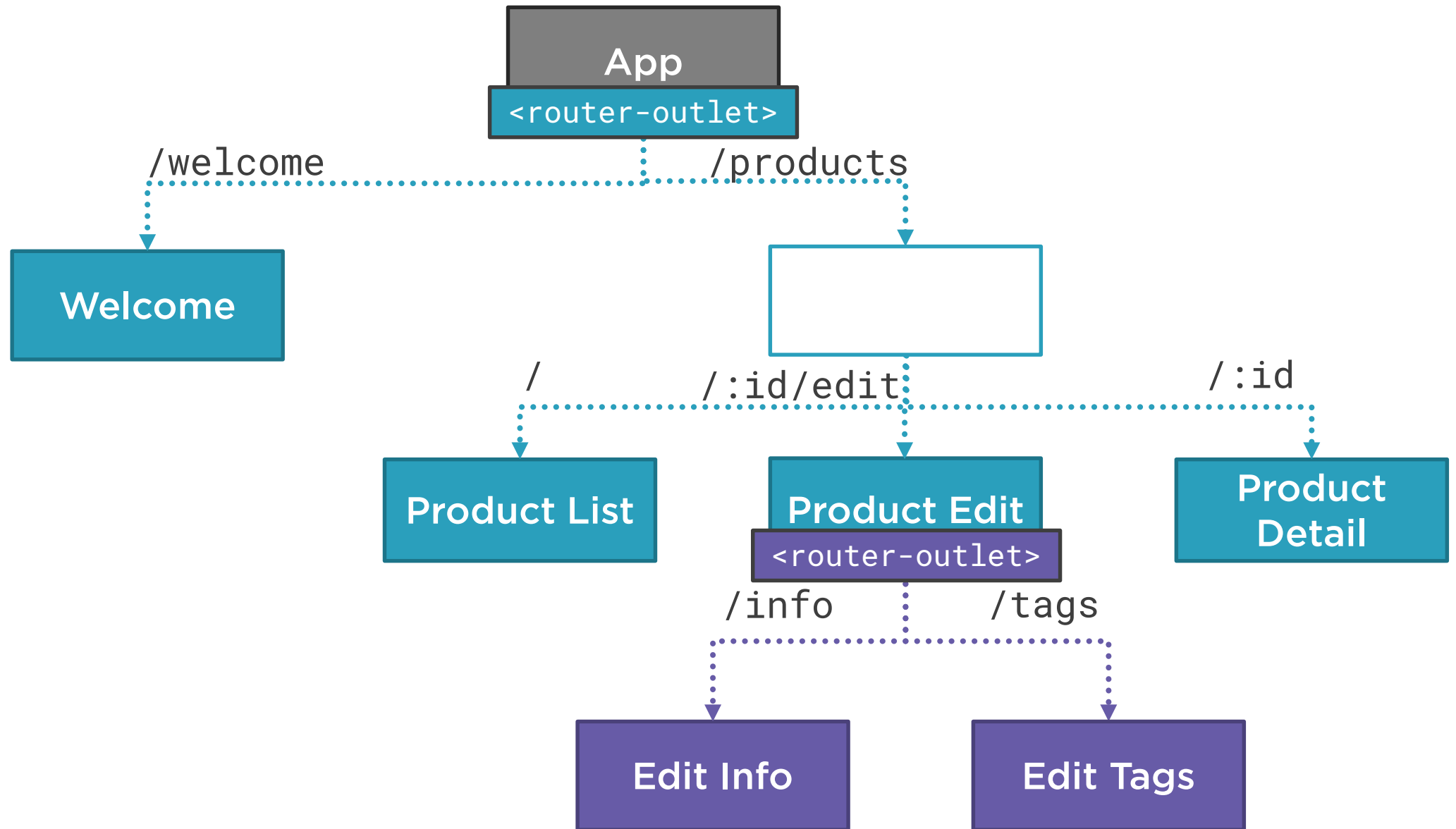


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# Why?



**Better organization**

**Share resolvers and guards**

**Lazy loading**



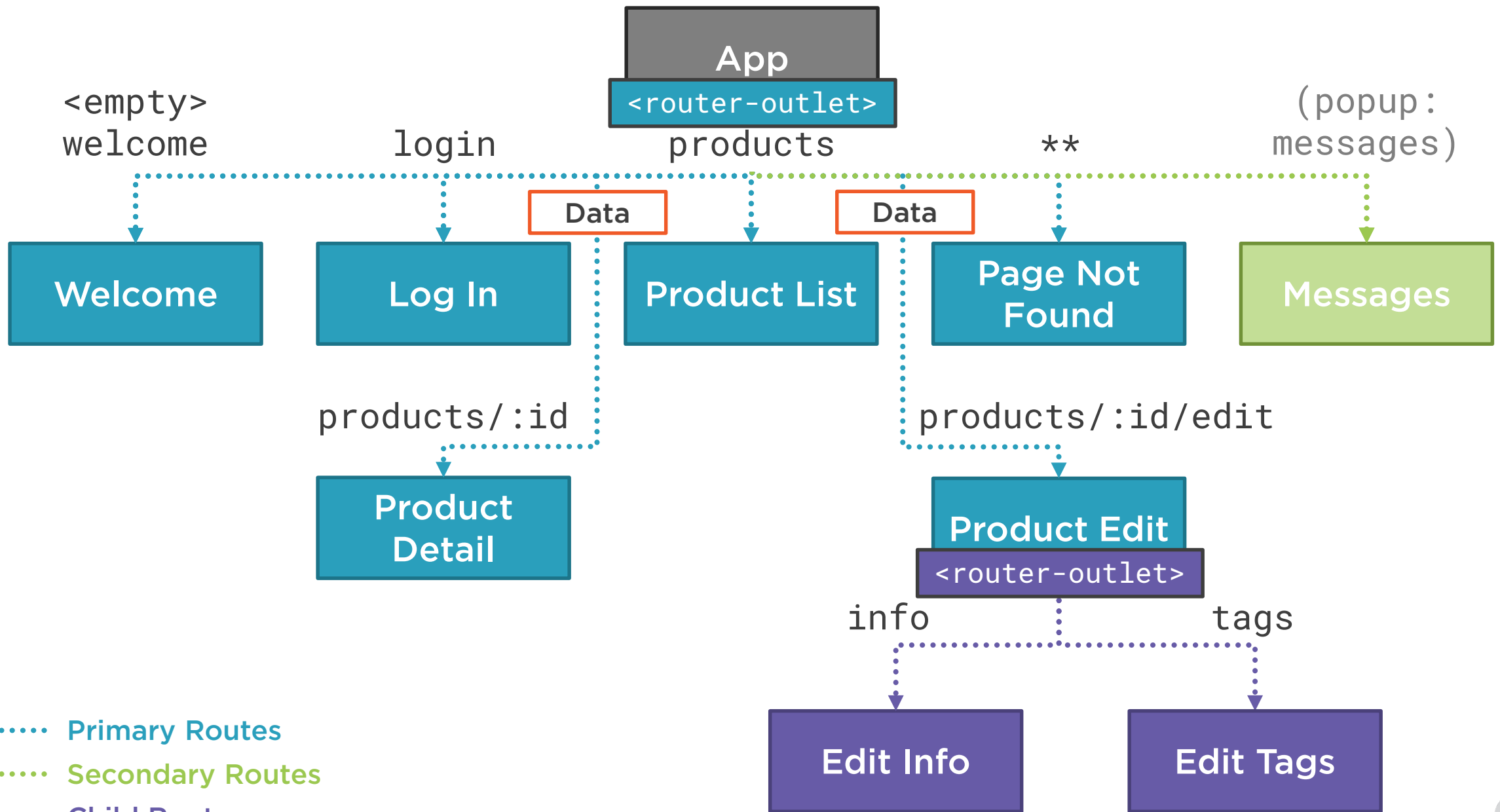
# Module Overview

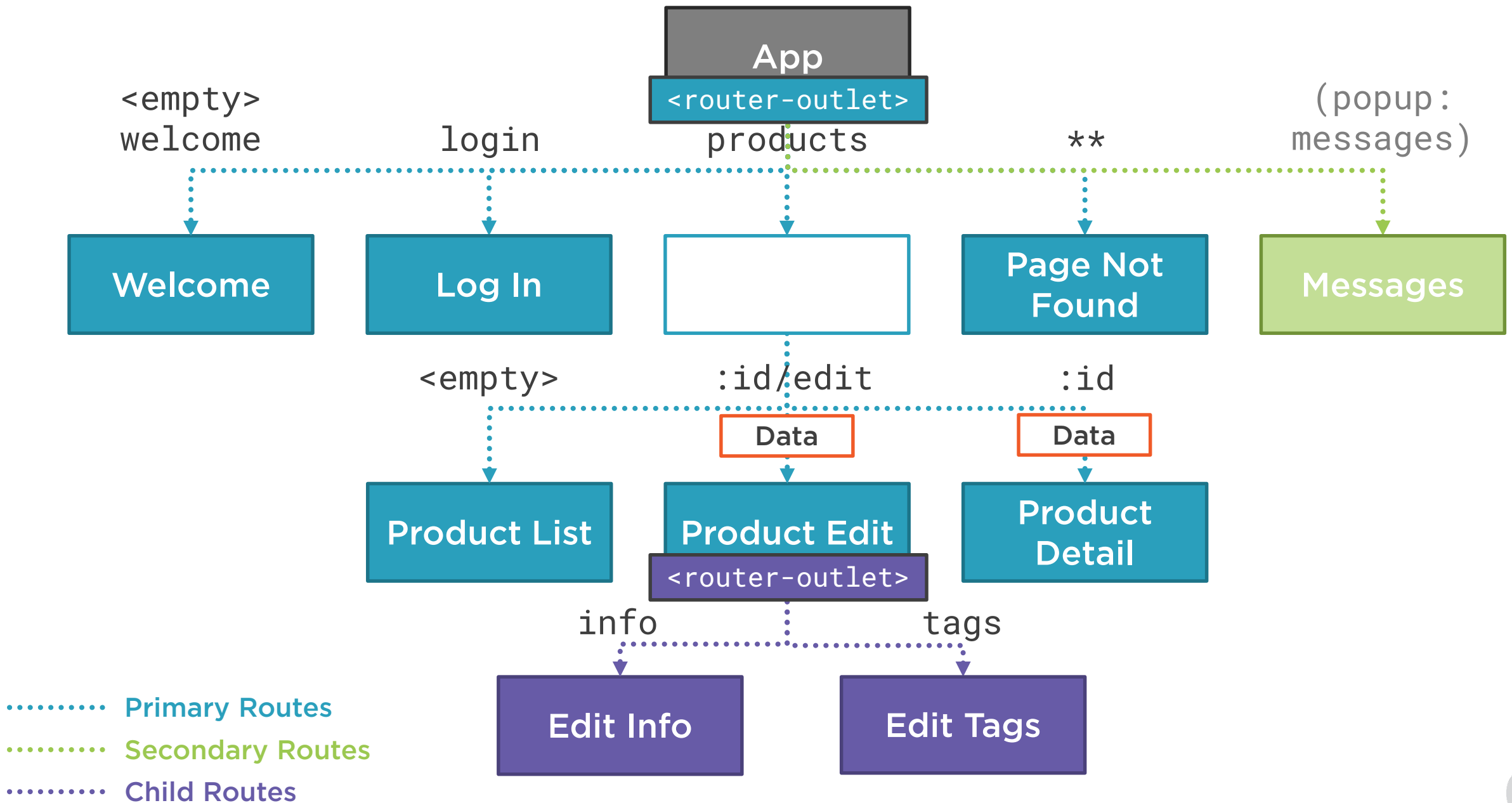


**Grouping Routes**

**Component-less Routes**







# Grouping Routes

```
RouterModule.forChild([
  {
    path: 'products',
    component: ProductListComponent
  },
  {
    path: 'products/:id',
    component: ProductDetailComponent,
    resolve: { product: ProductResolver }
  },
  {
    path: 'products/:id/edit',
    component: ProductEditComponent,
    resolve: { product: ProductResolver },
    children: [...]
  }
])
```

```
RouterModule.forChild([
  {
    path: 'products',
    component: ProductListComponent,
    children: [
      {
        path: ':id',
        component: ProductDetailComponent,
        resolve: { product: ProductResolver }
      },
      {
        path: ':id/edit',
        component: ProductEditComponent,
        resolve: { product: ProductResolver },
        children: [...]
      }
    ]
  }
])
```



```
<router-outlet>
```

## Edit Product: Hammer

Basic Information

Search Tags

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

&lt; Back

Save

Cancel

Delete

Next &gt;

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



```
<router-outlet>
```

## Edit Product: Hammer

Basic Information

Search Tags

```
<router-outlet>
```

### Basic Product Information

**Product  
Name**

Hammer

**Product Code**

TBX-0048

**Description**

Curved claw steel hammer

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

&lt; Back

Save

Cancel

Delete

Next &gt;

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

```
<router-outlet>
```

## Product List

Filter by:

[Show Image](#)

Product

Code

Available

Price

5 Star Rating

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

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](#)

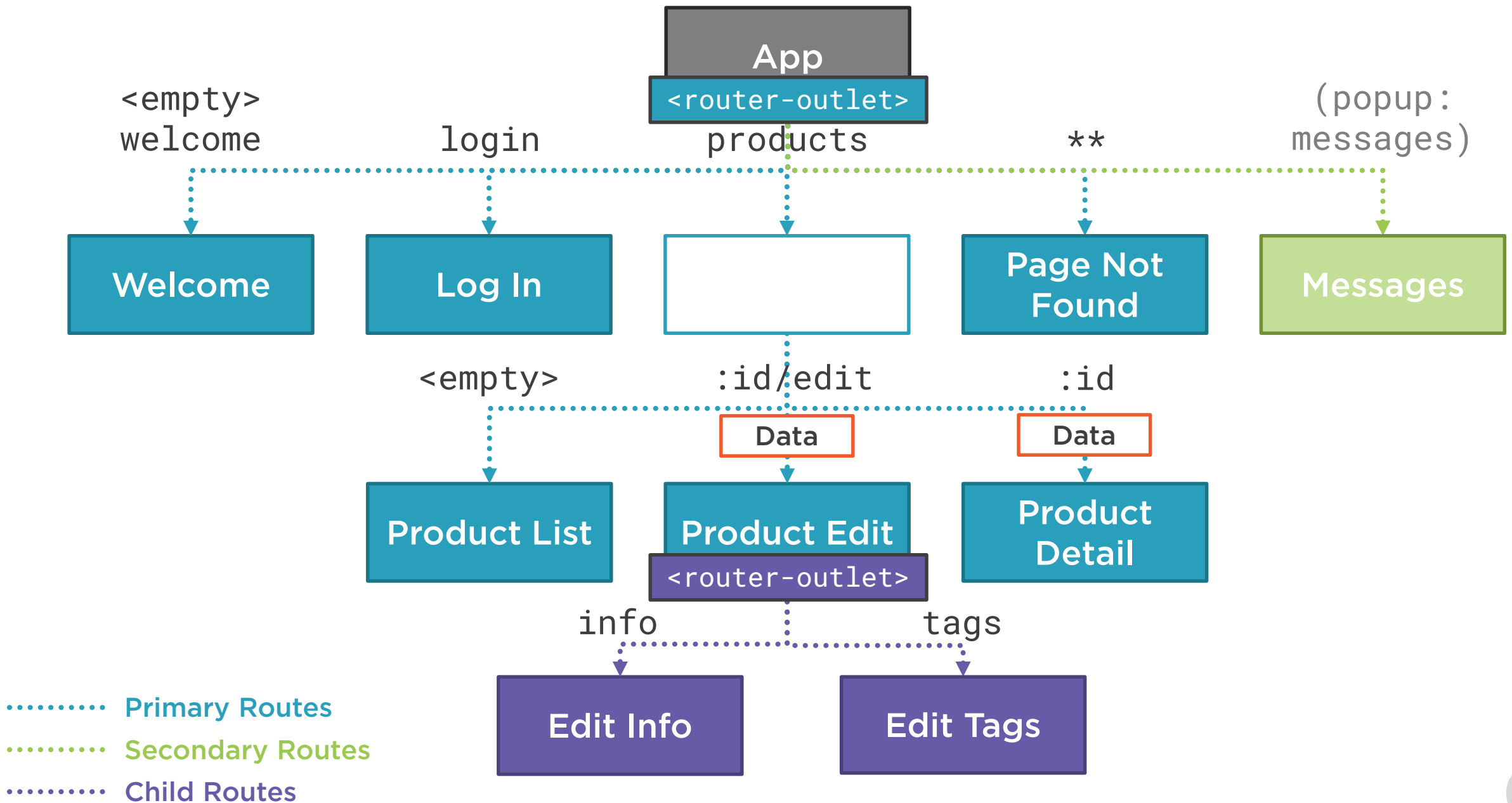
```
</router-outlet>
```

# Component-less Route

```
RouterModule.forChild([
  {
    path: 'products',
    component: ProductListComponent,
    children: [
      {
        path: ':id',
        component: ProductDetailComponent,
        resolve: { product: ProductResolver }
      },
      {
        path: ':id/edit',
        component: ProductEditComponent,
        resolve: { product: ProductResolver },
        children: [...]
      }
    ]
  }
])
```

```
RouterModule.forChild([
  {
    path: 'products',
    children: [
      {
        path: '',
        component: ProductListComponent
      },
      {
        path: ':id',
        component: ProductDetailComponent,
        resolve: { product: ProductResolver }
      },
      {
        path: ':id/edit',
        component: ProductEditComponent,
        resolve: { product: ProductResolver },
        children: [...]
      }
    ]
  }
])
```





# Checklist: Grouping

```
RouterModule.forChild([
  {
    path: 'products',
    component: ProductListComponent,
    children: [
      {
        path: ':id',
        component: ProductDetailComponent,
        resolve: { product: ProductResolver }
      },
      {
        path: ':id/edit',
        component: ProductEditComponent,
        resolve: { product: ProductResolver },
        children: [...]
      }
    ]
  }
])
```

Define routes as children of one parent route

Specify relative paths

But grouping alone is not sufficient!



# Checklist: Component-less Routes

```
RouterModule.forChild([
{
  path: 'products',
  children: [
    {
      path: '',
      component: ProductListComponent
    },
    {
      path: ':id',
      component: ProductDetailComponent,
      resolve: { product: ProductResolver }
    },
    {
      path: ':id/edit',
      component: ProductEditComponent,
      resolve: { product: ProductResolver },
      children: [...]
    }
  ]
})
```

Add a default path that routes to the desired component

Remove the component from the parent route

The child routes are displayed in a higher-level outlet



# Summary



**Grouping Routes**

**Component-less Routes**



