

Grouping and Component-less Routes

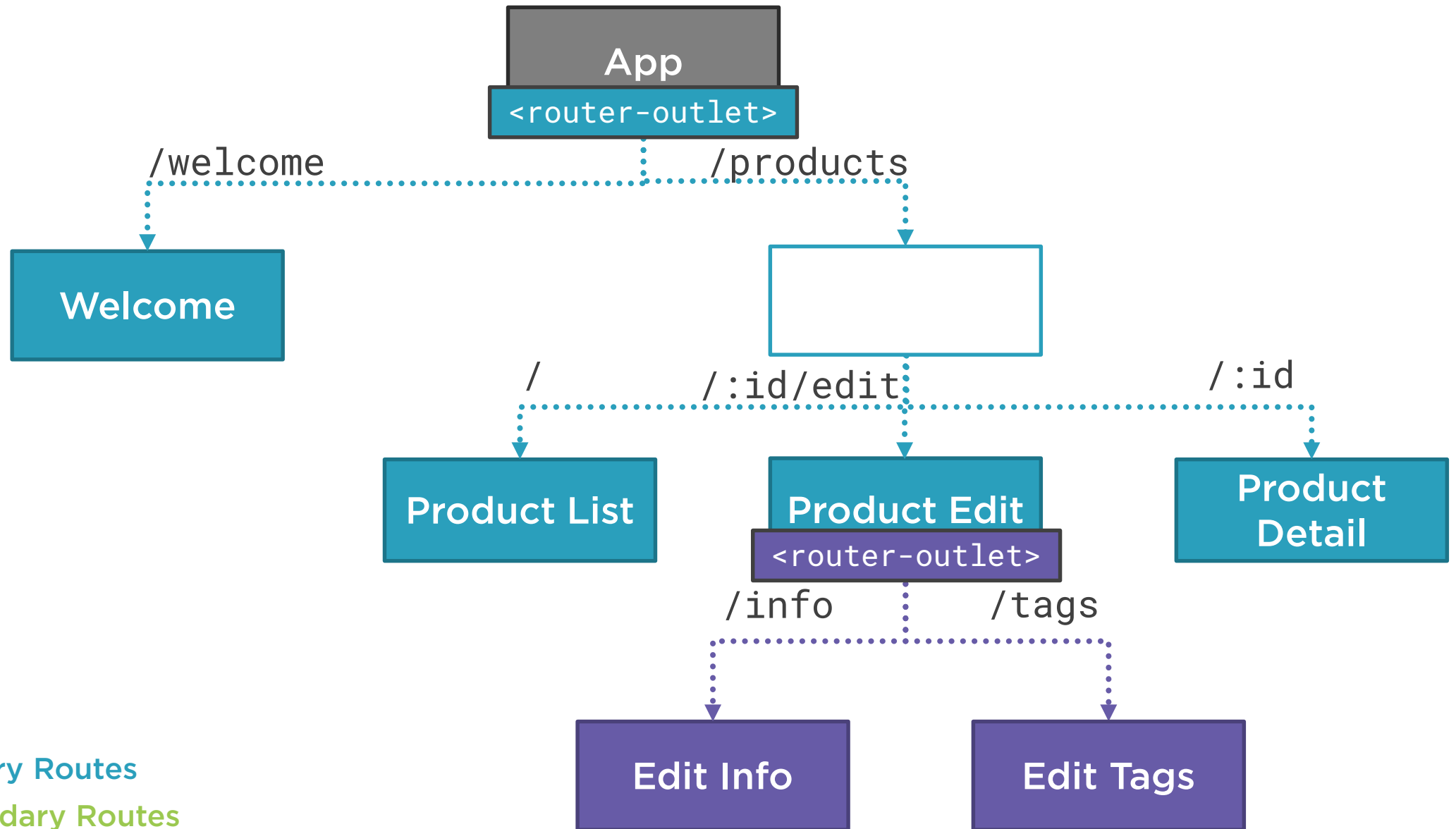


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- Primary Routes
- Secondary Routes
- Child Routes



Why?



Better organization

Share resolvers and guards

Lazy loading



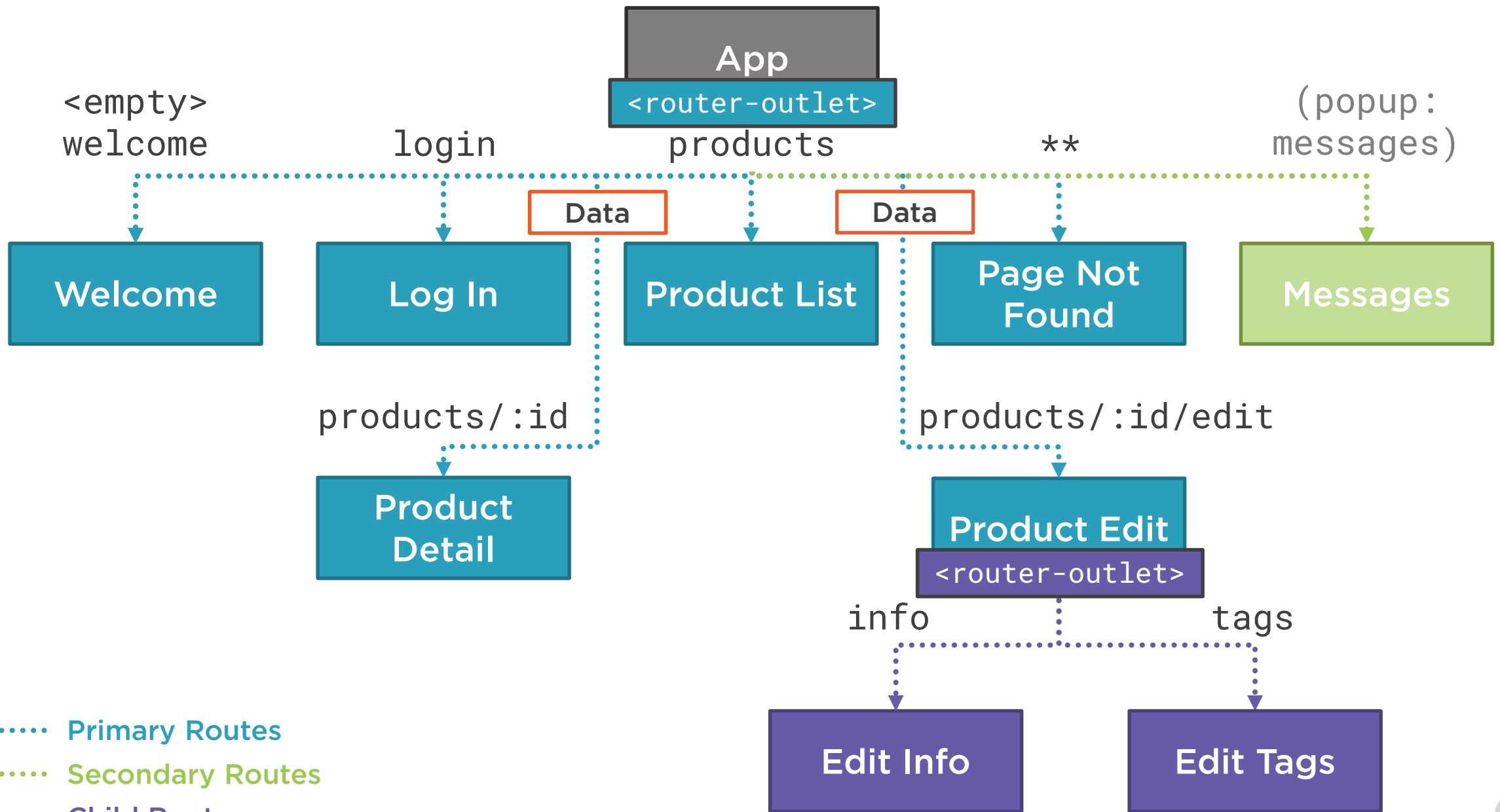
Module Overview

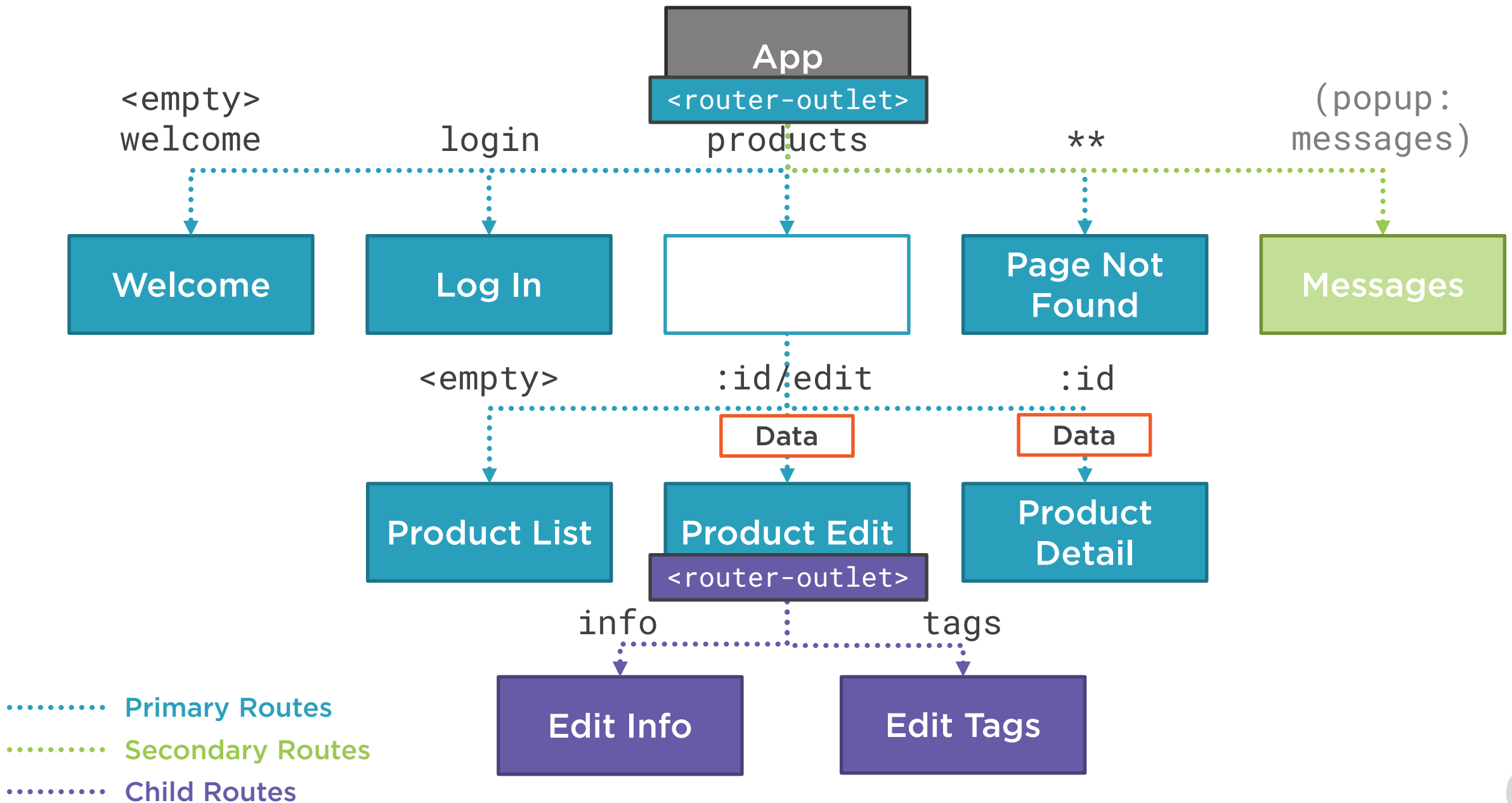


Grouping Routes

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></router-outlet>
```

Edit Product: Hammer

Basic Information

[Search Tags](#)

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

Save

Cancel

Delete



<router-outlet></router-outlet>

Product List

Filter by:

<router-outlet></router-outlet>

		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

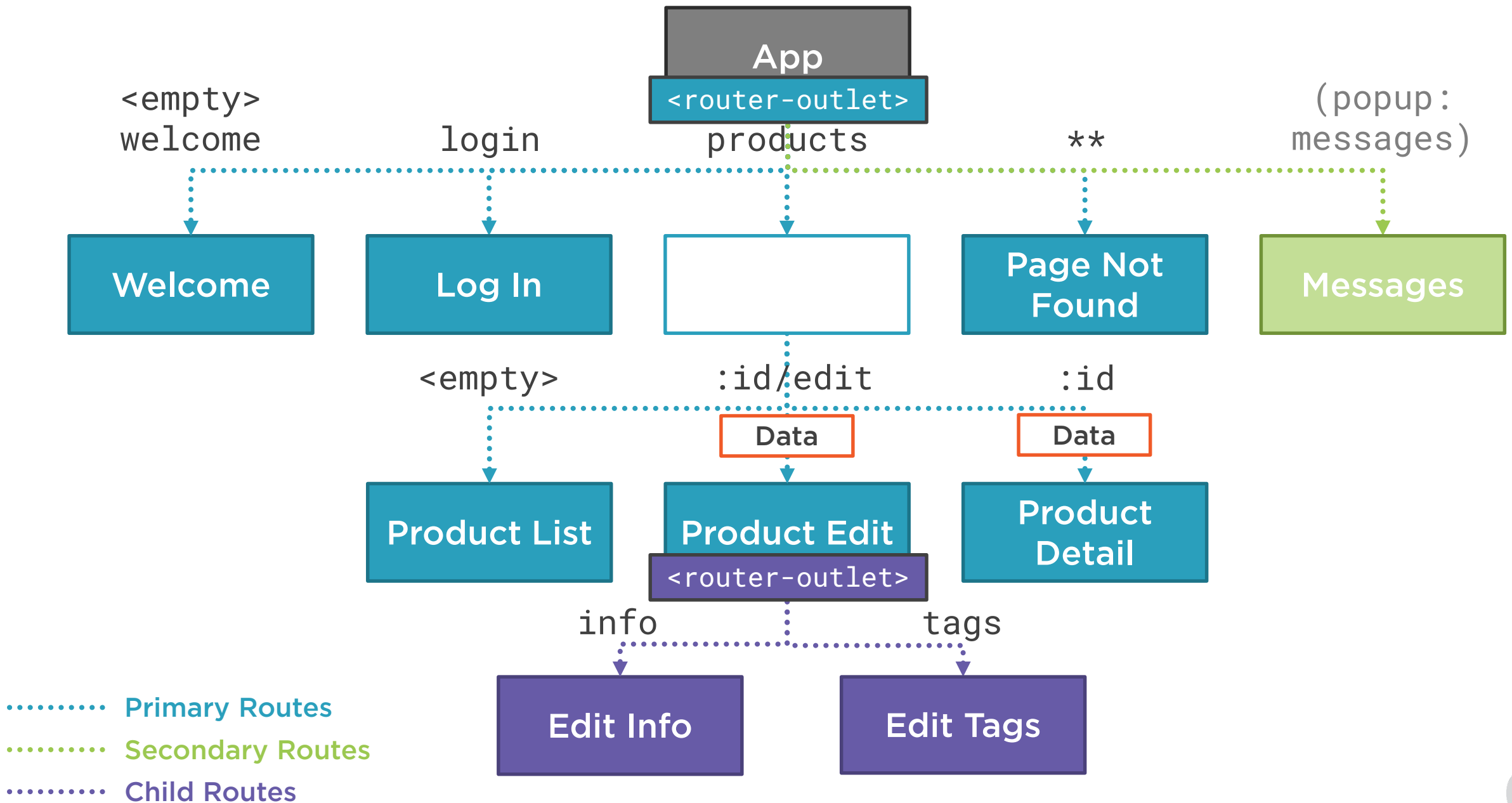


Component-less Route

```
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



