

# Routing



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# Routing

- Provides navigation between Angular views
- Defined by a set of rules
- Each route represents a view
- Activating a route navigates to that view

# For More Information (routing)


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## AngularJS Line of Business Applications

This course takes you step by step through the process of building line of business Web applications using Angular.

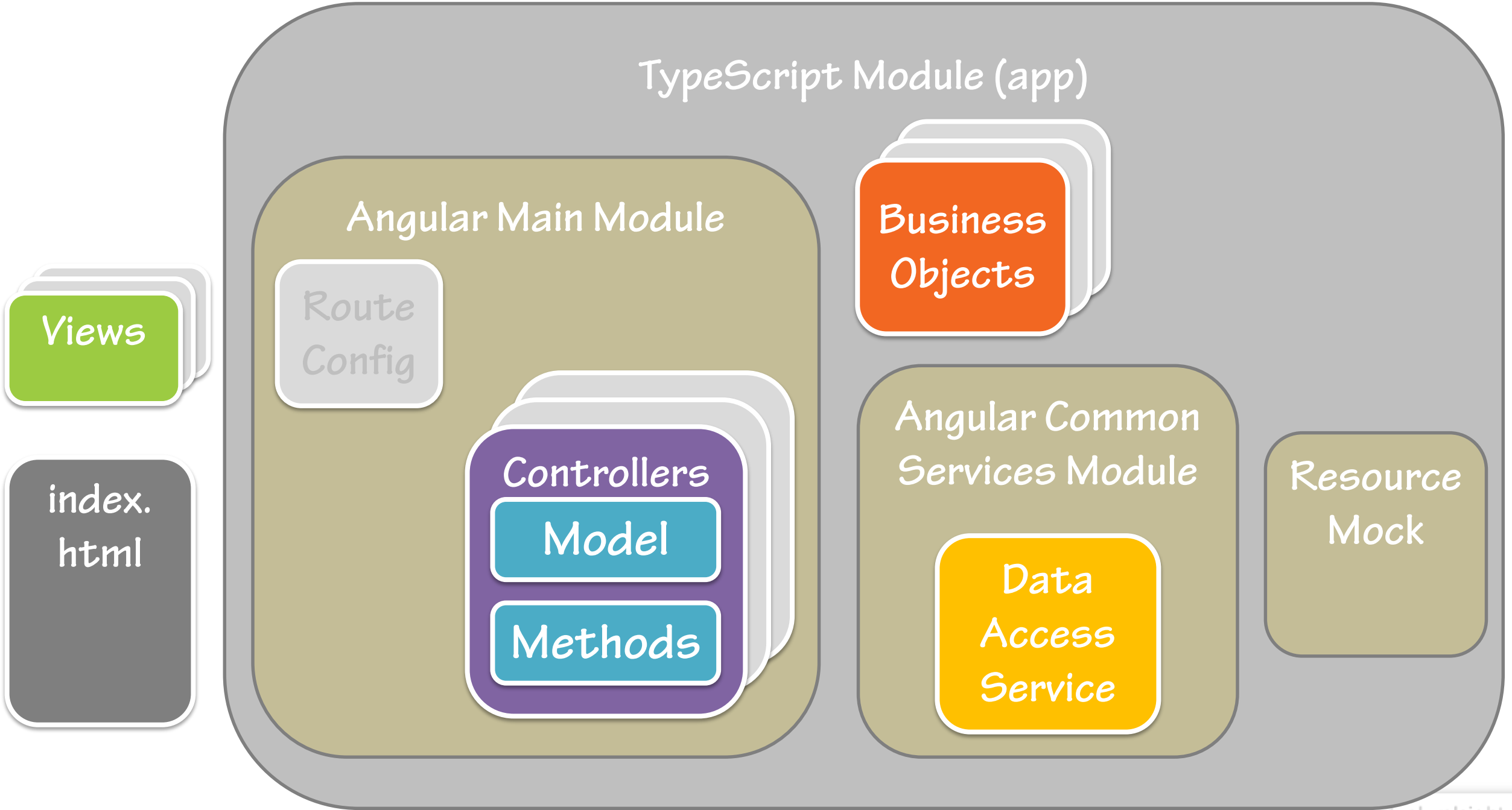
by **Deborah Kurata**

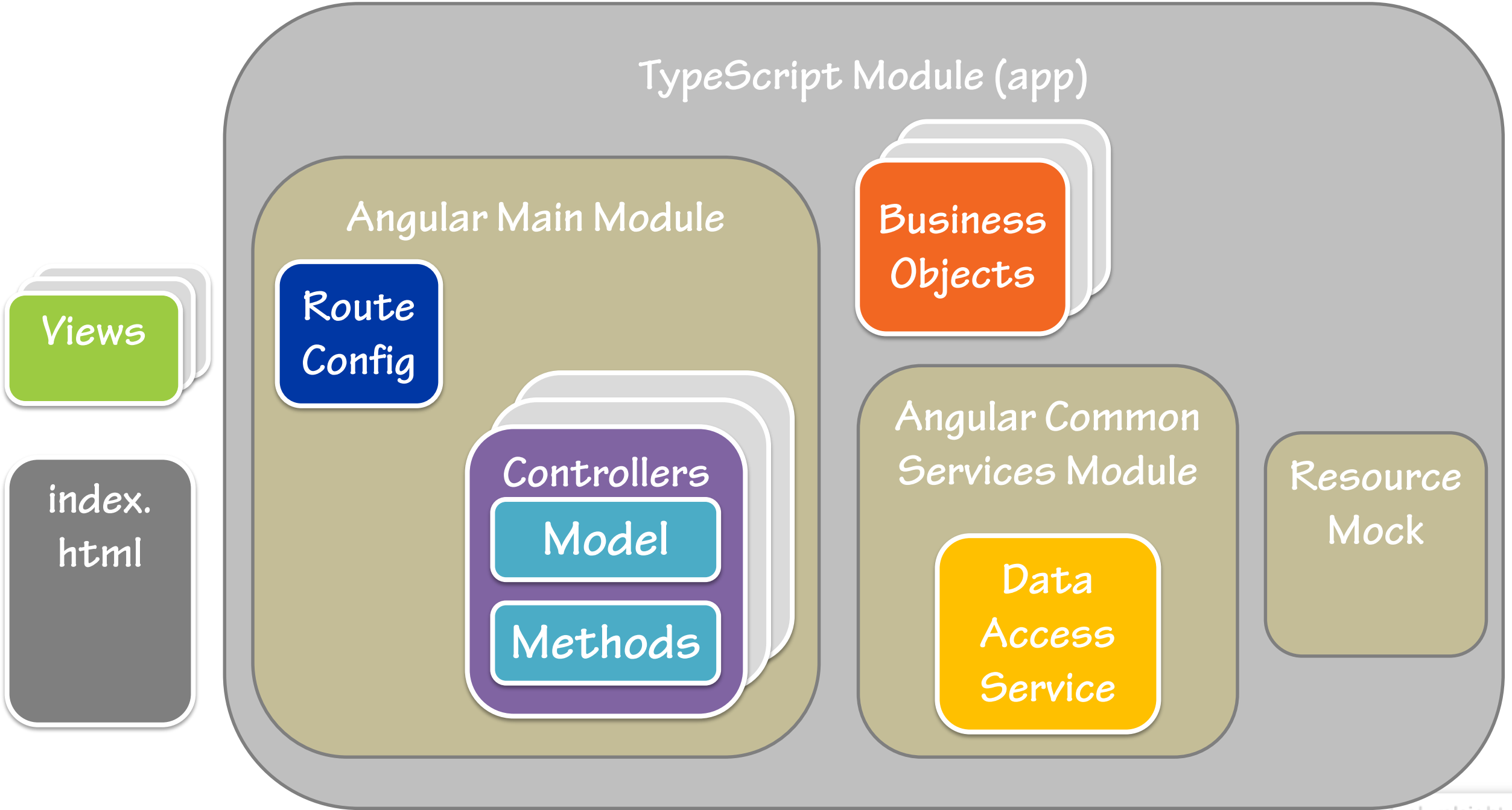
# Module Overview

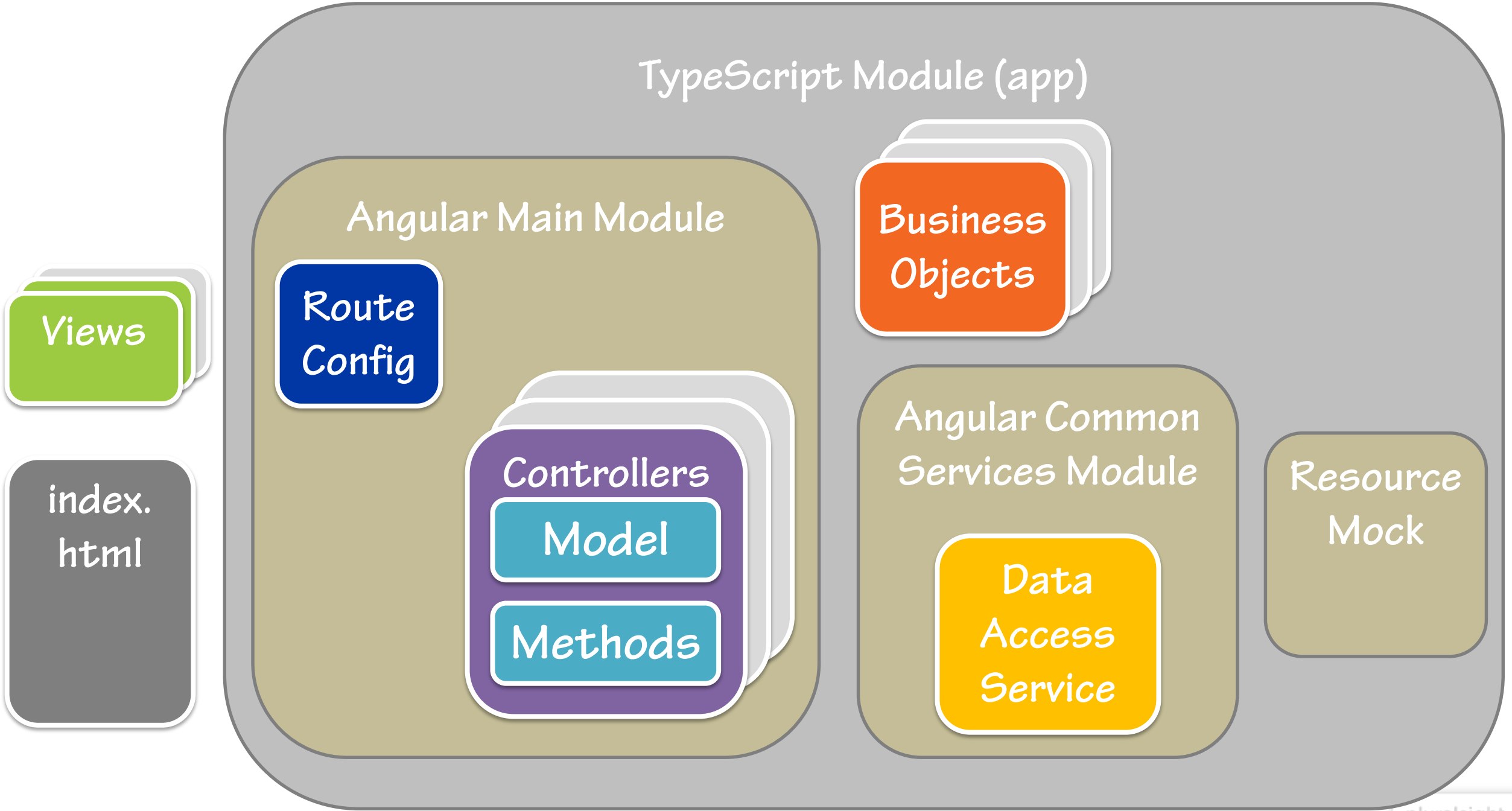
Define Routes

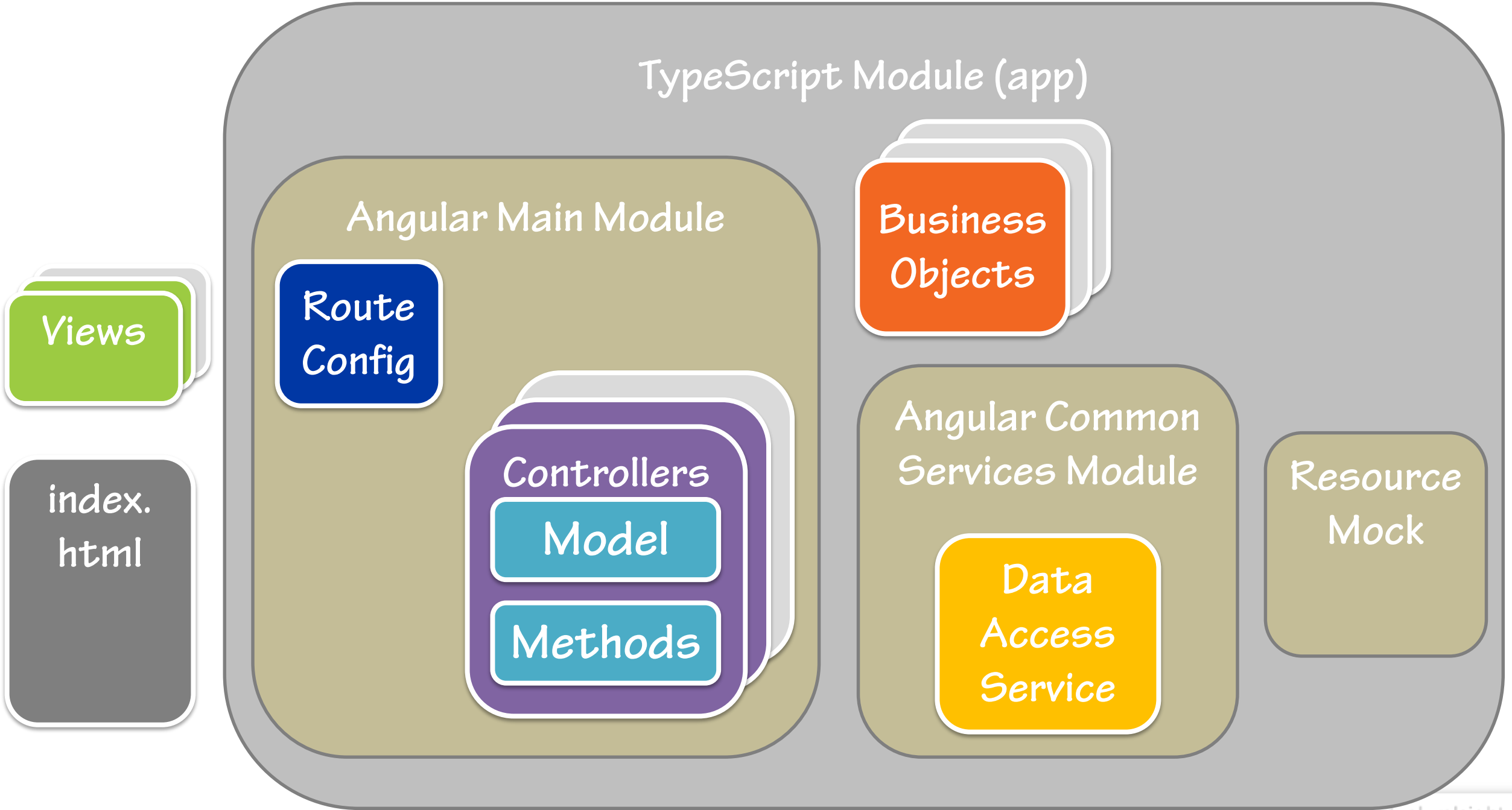
Display the View  
for a Route

Activate a Route











# Defining Routes

## Route Config

```
$routeProvider  
  .when("/productList", {  
    templateUrl: "/app/products/productListView.html",  
    controller: "ProductListCtrl as vm"  
  })
```

View

Controller

# Displaying the View

```
<div class="container">  
  <ng-view></ng-view>  
</div>
```

# Navigating to a View

Acme Product Management

Product List

+ Add Product

Price Analytics

## Product List

Show Image

Product

Code

Available

Price

Leaf Rake

GDN-0011

Apr 19, 2009

\$19.95

## Product Detail

Name: Leaf Rake

Code: GDN-0011

Description: Leaf rake with 48-inch wooden handle.

Availability: Apr 19, 2009

Price: \$19.95

< Back

# Navigating to a View

```
<a class="btn btn-default"
  ng-href="#productList">
  < Back
</a>

<td>
  <a ng-href="#productDetail/{{product.productId}}">
    {{ product.productName}}
  </a>
</td>
```

**Product Detail**

Name:	Leaf Rake
Code:	GDN-0011
Description:	Leaf rake with 48-inch wooden handle.
Availability:	Apr 19, 2009
Price:	\$19.95

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Product List	
Show Image	Product
	Leaf Rake

# Creating an Angular Controller in TypeScript

- Interface for our intent
- Class for the controller
  - Properties
  - Methods for the actions
  - Constructor function
- Registration with an Angular module

# This Module Covered



Defining routes with TypeScript

Displaying the view for a route

Activating a route

Review: Creating an Angular controller

