Defining Business Logic in an Angular Service

Deborah Kurata
http://blogs.msmvps.com/deborahk/
@DeborahKurata
deborahk@insteptech.com





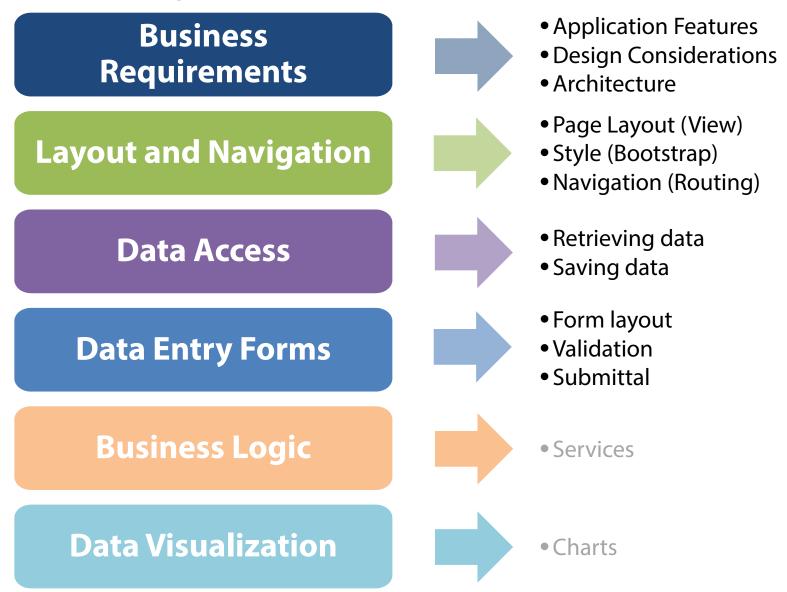
Module Objectives

Build an Angular Service for Business Logic

Use that Service

Reuse that Service

Angular Line of Business Applications



Angular Services

Angular code that can be used to

- Organize application logic
- Encapsulate logic not directly related to a view or model
- Share logic (or data) across the application

Services can be

- Injected into any controller or other service
- Making it easily to use

Services are

- Lazily instantiated
- Singletons

Built-In vs Custom Services

Built-in services

- Prefixed with a "\$"
- Examples: \$http, \$resource, \$httpBackend

Custom services

- service method
- factory method

Factory Method

Register the service

- Name
- Factory function

Steps for Creating a Custom Service

Create a new JavaScript file

Insert a script tag into index.html

Register the Service with a Module

Write the Service Factory Function

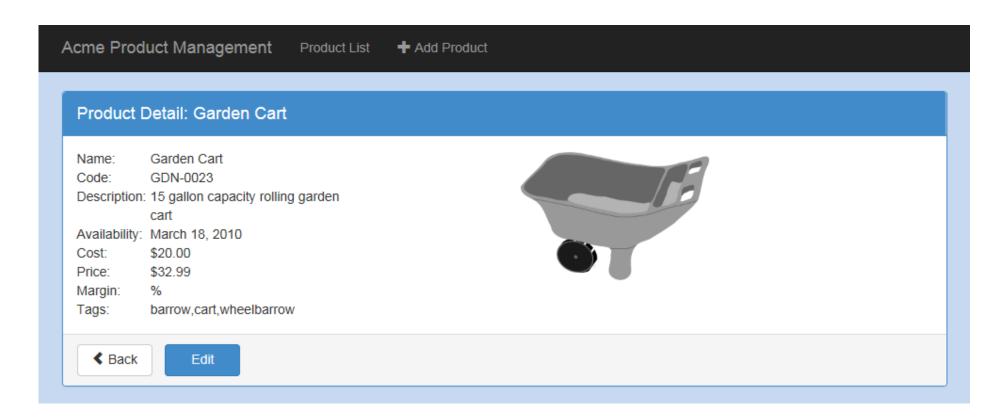
Using a Custom Angular Service

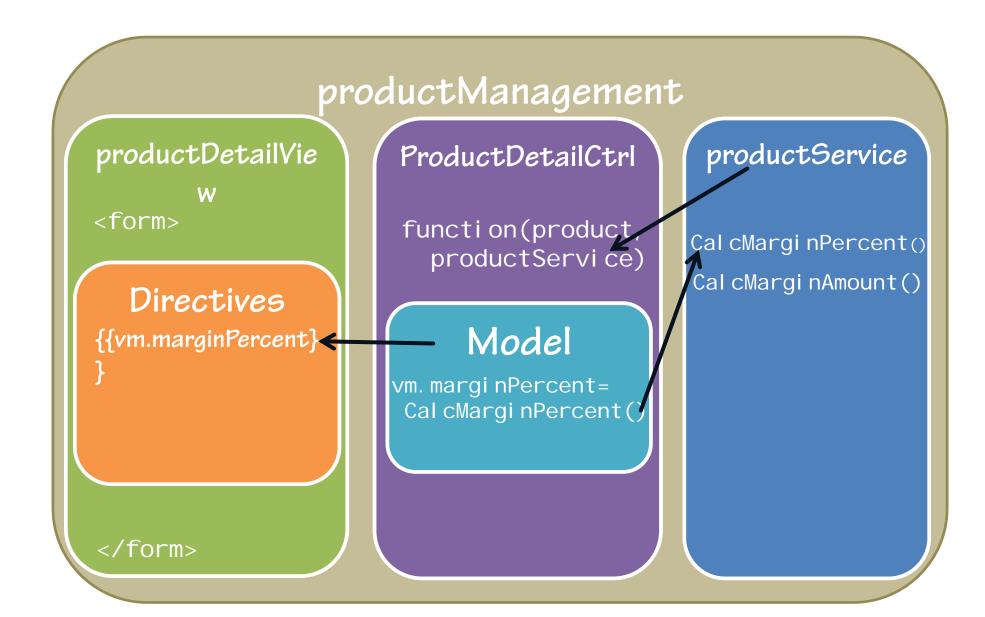
Inject the service

Call the service

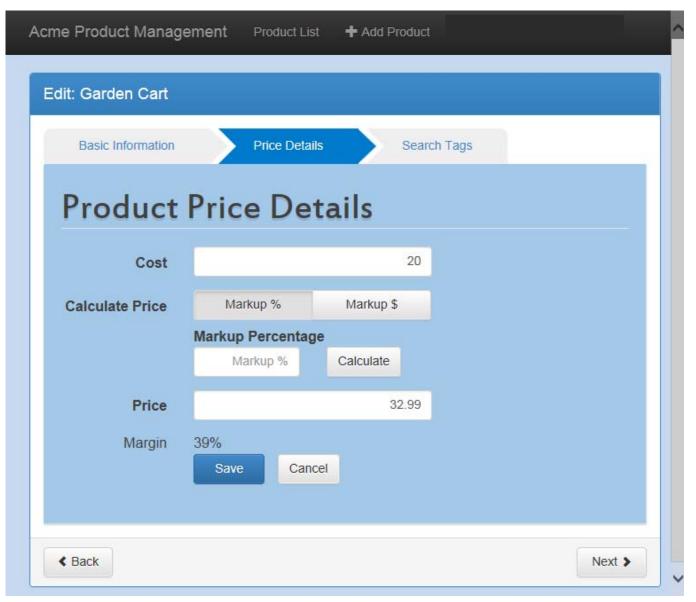
```
function ProductDetailCtrl(product, productService)
{
   productService.calculateMarginPercent(price, cost);
}
```

Product Detail View





Reusing Business Logic



Module Objectives



Build an Angular Service for Business
Logic



Use that Service



Reuse that Service

Angular Line of Business Applications

