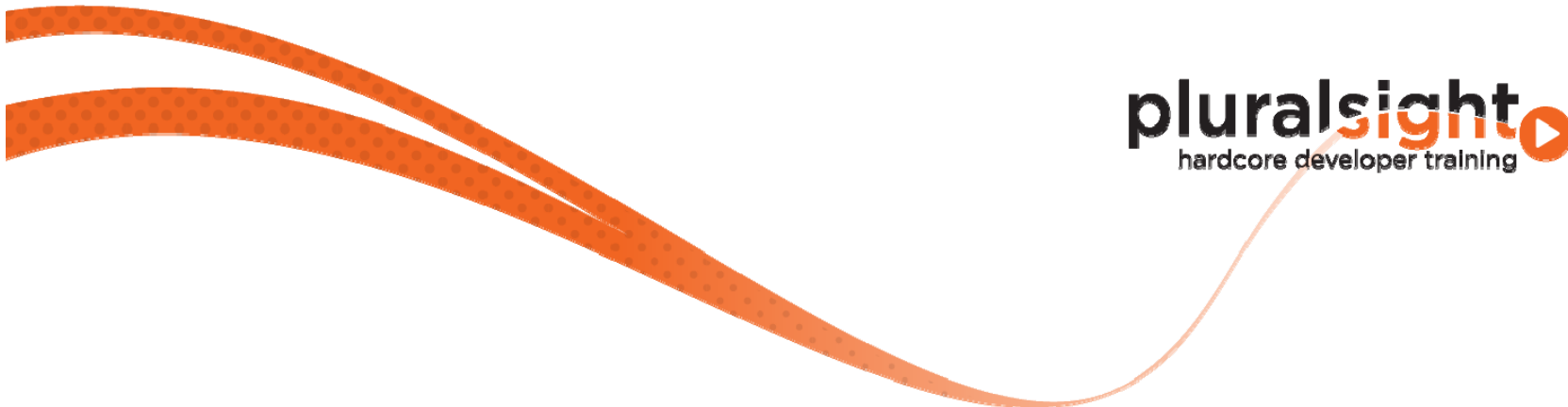# Building End-to-End Multi-Client Service Oriented Applications –
Angular Edition

Module 10
The Car Rental Web Site
Part 1 – Infrastructure, Angular, & Security

pluralsight
hardcore developer training

Highlights

- **Layout and Infrastructure using ASP.NET MVC**
  - Layout view
  - MEF bootstrapping
  - Dependency Resolver
  - Security Adapter
- **Infrastructure for AngularJS**
  - ViewModelHelper class
  - Layout structure
  - 3rd party components
  - SPA patterns
- **Adding Security using Forms-Authentication**

Infrastructure

- **Controllers all served by MEF**
  - MVC & API
  - Use custom dependency resolver to resolve controller classes
- **Custom base classes for all controllers**
  - API controllers will also use custom action filter
  - Pattern set in place for service-proxy "closing"
- **All views use master Layout view**
- **Attribute Routing used instead of conventional routing tables**
  - Provides clearer connection between route and action-code
  - Self-documenting
- **3rd party components**
  - Bootstrap used for CSS styling
  - Moment.JS – date parsing JS library
    - http://momentjs.com/

Angular JS

- **AngularJS**
  - JavaScript client framework
  - Developed by Google
  - Provides SPA features
    - MVVM binding
    - Routing with history tracking (back-button support)
    - Dependency injection
    - Modularity
- **All Angular-aware views will follow specific layout-pattern**
- **3rd party components**
  - Custom date-picker uses UI Bootstrap
    - http://angular-ui.github.io/bootstrap/
  - Home grown JS-based validation engine