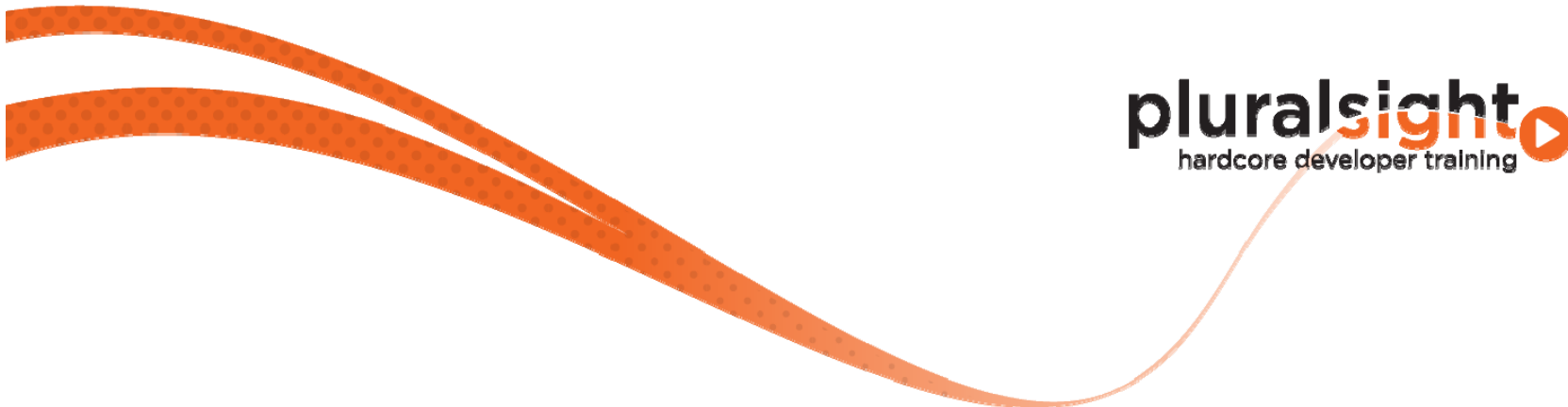# Building End-to-End Multi-Client Service Oriented Applications –
Angular Edition

Module 12
The Car Rental Web Site
Part 3 –Accessing WCF, Authorizing Data, Unit Testing

pluralsight
hardcore developer training

Highlights

- **Accessing Services from the site**
  - The proxy-disposability pattern in the controllers
- **User-data authorization**
  - Similar to that on the WCF services (and for the same reasons)
- **Unit Testing**

The Rest of the Site

- **Other sections of this site**
  - My Account
  - Reserve a Car – *the one I'm going to write*
  - Current Reservations
- **Will access WCF Services (using the proxy classes)**
- **Proxies will be injected into controllers**
  - Will need pattern for disposability
- **"Reserve-a-Car" section will be exposed SPA-style**
  - Step 1 – Choose reservation dates
  - Step 2 – Choose an available car
  - Step 3 – Reservation confirmation

Summary

- **Many technologies used here**
  - MVC, AngularJS, Web API, Bootstrap,
- **Site is SPA/Non-SPA hybrid**
- **Uses SimpleMembershipProvider for authentication**
  - No immediate reason for more complexity
  - Security Adapter allow swapping out for ASP Identity model in future
- **Base classes for both controller types provide common functionality**
- **Formal pattern offers proxy disposing**
- **Angular routing offers nice back-button support**

End of Module