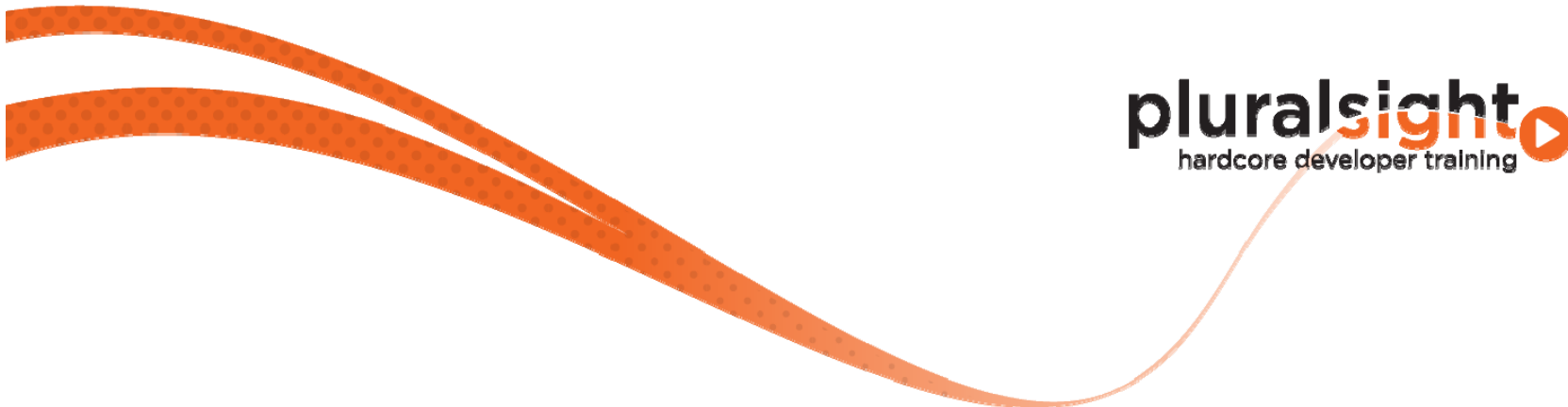# Building End-to-End Multi-Client Service Oriented Applications -
Angular Edition

Module 01

A Car Rental System

Demo of a service-oriented application

pluralsight

hardcore developer training

The Car Rental System

- **Why this type of app?**
  - Business requirement lend to multiple types of clients (UIs)
- **Pieces of the Car Rental system**
  - WCF-based internal services
  - Web API-based public API
  - ASP.NET MVC/Angular public-facing web site
    - Customer account creation & car reservations
  - WPF desktop client
    - Used in home office to execute a rental and handle a return

Goals of the Case Study Application

- Implementing connectivity among layers in SOA
- Patterns of abstraction, reusability, and testability among all layers of application
- Code elegance, cleanliness, and manageability
- Give you a great kick-off point for any future apps
    - Continuously works for me !

Software Configuration Management

- **Flat folder structure for simplicity**
- **Project/folder naming implies relationships**
    - Dot-notation for project and folder naming
- **Abstractions held in own project**
    - Facilitates test dependencies