

Building End-to-End Multi-Client Service Oriented Applications

Welcome & Course Description

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The Course

- **Building of a complete Service Oriented Application from hosting to consuming**
- **Combining and implementing various technologies from the server to the client**
 - Answering the “Now What?” post-class question
- **Multitude of technologies**
 - WCF, Web API, MEF, ASP.NET MVC, KnockoutJS, WPF, etc.
- **Many patterns and techniques for solving common problems**
- **Writing testable software using SOLID principles**
- **Usage of Dependency Injection throughout including service hosting and consumption**

Course Agenda

- **A Car Rental System – Demo of a Service Oriented Application**
- **SOA & Technology**
- **Initial Architecture of the Car Rental System**
- **Entities**
- **Data Access – starting the business side**
- **WCF Services & Business Engines**
- **Service Hosting**
- **Client Access – moving to the client side**
- **The Car Rental Web Site (ASP.NET MVC/Knockout)**
- **The Car Rental Desktop (WPF)**

GET READY TO HAVE SOME FUN !