



ASWEC Tutorial Programs

Building Connected Systems using the Service Oriented Architecture Approach

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Description

Connected systems are pervasive as a result of economic drivers for companies to be more agile and drive down corporate costs. Applications no longer live in a single process or machine silos. Applications need to be designed to be a part of a connected network of services to build systems that span multiple machines and interoperate with different platforms. This tutorial discusses how a conceptualized view of the business drives service oriented analysis/design and provides you with the knowledge and techniques to realize such connected systems today. The presenter will be sharing his real world SOA analysis and design experience, and illustrating SOA implementation techniques using the Microsoft Visual Studio technology.

Outline

- Service Orientation and the 3-part Model
- Capability Modelling and the Business Architecture
- Applying OO Design concepts to the Service Model
- Implementing Connected Systems using Visual Studio 2005

What attendees will learn

- How the MOTION methodology can be used to design a Business Architecture
- How to map between Business Architecture and the Service Model
- The advantages and disadvantages to contract first vs code first service design
- The different technology models for SOA in .NET, including ASP.NET, WSE & Windows Communication Foundation (Indigo)
- How code generation can be used to create flexible service implementations.

Target Audience

Architects and Developers who want to learn how to design and implement systems in a service oriented way.

The Speaker

Martin Granell is a Readify Senior Consultant and Solutions Architect. He is a self professed Tactical Technologist, building solutions with available technology with the flexibility to encompass future needs. Martin was one of the solutions architects involved in implementing real world large scale service oriented applications at a large financial institution. Prior to his work with Readify, Martin was a software architect at a multi-national media publishing software company, where he designed integrated CRM, publishing and financial software. He is the primary author of Readify & Microsoft's INDUSTRIAL STRENGTH .NET series - A set of premium level courses teaching experienced .Net Developers architecture and design best practices, and efficient coding techniques. Trained internationally, Martin holds many qualifications, including a Master of Electrical and Information Sciences (MEng) from Cambridge University, is a Microsoft Certified Trainer, and is a Microsoft Solution Architect MVP.

Online Details

http://www.aswec.org/?Tutorials:Tutorial_7

