

Biztalk Server Course Content:35-40hours

Course Outline

Introduction to BizTalk

- Problem Space
- Alternatives (including Workflow Foundation)
- History: BizTalk 2000 to 2010 and beyond
- BizTalk Architecture
- What's New in BizTalk 2010
- WCF Support

Designing Solutions

- Patterns in General
- Splitter/Aggregator Drilldown
- FIFO, Interrupt and other Patterns

Messaging Normalization and Routing

- Schema Creation
- Map/XSLT Creation
- Publish and Subscribe Routing
- Underlying SQL Tables and Stored Procedures
- Flat File to XML
- De-batching Interchanges
- Recovering Failed Interchanges

Opportunities for Extension

- Custom Pipeline Components
- Built-in Adapters

- WCF Adapters
- Custom Adapters
- External Scripting Functoids
- Debugging Extensions

Business Process Management

- Orchestrations
- Transactions
- Correlation
- Message Aggregation
- Convoys
- FIFO Settings

Monitoring

- BAM
- Using Performance Counters
- BizTalk Administration Console

BizTalk Dashboard

Business Rules Engine

- The Rete Algorithm
- Vocabulary
- Defining Good Rules
- Using Policies from Code
- Tracking Rule Events

Performance

- Performance Counters
- Messagebox Clusters
- Settings for Tuning

Updating

- Versioning
- High Availability Updates

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