QuickLearn

Expert training for Microsoft Developer Tools & Servers

BizTalk Server 2010 Developer Immersion

"Go from Zero-to-Sixty in only 5-days"

Microsoft® BizTalk® Server

Get up to speed quickly with the skills you need to succeed with your BizTalk Server 2010 projects. This course provides accelerated BizTalk Server 2010 Training for developers with little or no experience with BizTalk. The BizTalk Developer Immersion training offers developers more advanced content than any competing course.

Flexible Learning Options

Attend in Person
- Industry expert trainers
- Relevant training skills
- High-tech teaching tools

Connect Remotely
- Classroom-in-the-cloud
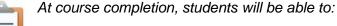- Connect from anywhere
- 24-hour access to labs

Bring Us Onsite
- Customized curriculum
- Connect staff from multiple locations
- Access virtual labs over the Internet

"I had concerns about remote training before I took this class. However I can see that Quicklearn makes it work well." - Kent M.

"The learning enviroment was top-notch. I especially liked the large monitors, 64bit OS & fast processors." - Matt E.

Course Highlghts

At course completion, students will be able to:

- Deploy & manage a BizTalk application
- Automate deployment using MSIs & scripts
- Create & configure XML & flat-file Schemas
- Create & implement reusable data types
- Process EDIFACT/X12/HIPAA message types
- Transform messages using maps
- Manipulate data using Functoids
- Enable message routing & processing using receive & send ports
- Monitor message processing
- Create & configure pipelines to process XML, flat-file, & EDI data
- Create orchestrations to automate critical business processes
- Implement orchestration patterns such as correlation & direct-bound ports
- Build atomic & long-running transactions
- Integrate with ASMX & WCF services
- Implement file, data, & protocol adapters
- Plan a BizTalk development project
- Integrate with trading partners & applications using EDI
- Develop Business Rules Engine (BRE) policies
- Enable Business Activity Monitoring (BAM)

Audience

This course is intended for:

- *Developers* - learn to build & deploy BizTalk integration & business process applications.
- *Solutions Architects* - learn to design & plan BizTalk enterprise solutions.
- *Systems Evaluators* – get a comprehensive drill-down on BizTalk Server capabilities & toolsets.

No prior BizTalk experience required.

Course Outline

Module 1: Introduction to BizTalk Server

- What Is BizTalk Server?
- The BizTalk Server Development Environment
- Lab: Examining a BizTalk Application

Module 2: BizTalk Operations Overview

- Deploying BizTalk Applications
- Managing Applications using MSIs and Binding Files
- Managing Hosts and Host Instances
- Lab: Deploying BizTalk Applications

Module 3: Creating Schemas

- Introduction to BizTalk Schemas
- Creating XML Schemas
- Creating Schemas for Non-XML Messages
- Lab: Creating BizTalk Schemas
- Lab: Working with EDI/HIPAA Schemas

Module 4: Creating Maps

- Creating a BizTalk Map
- Manipulating Data using Functoids
- Advanced BizTalk Mapper Features
- Lab: Transforming Data using BizTalk Maps
- Lab: Map Between two EDI Documents

Module 5: Creating Messaging-Based Solutions

- Introduction to Message Routing
- Configuring Message Routing
- Monitoring BizTalk Processes
- Lab: Creating a Messaging-Based BizTalk Solution

Module 6: Creating Pipelines

- Introduction to Pipelines
- Building a Pipeline
- Lab: Creating Pipelines

Module 7: Basic Orchestration Design

- Introduction to BizTalk Orchestration
- Building an Orchestration

- Orchestration Shapes
- Lab: Creating a BizTalk Orchestration

Module 8: Advanced Orchestration Design

- Advanced Orchestration Communication Patterns
- Handling Exceptions and Testing Orchestrations
- Lab: Building Complex Orchestration Solutions

Module 9: Tracking and Troubleshooting a BizTalk Application

- Troubleshooting Tools
- Lab: Tracking and Troubleshooting BizTalk Applications

Module 10: Creating Transactions

- Introduction to Transactions
- Configuring Transactions
- Lab: Implementing Transactions and Compensation

Module 11: Integrating with Services

- Consuming a Service
- Creating Services Using BizTalk
- Lab: Integrating with Services

Module 12: Planning BizTalk Development Projects

- An Overview of Software Design Patterns
- Considerations for Developing BizTalk Projects
- Lab: Designing a BizTalk Solution

Module 13: Integrating using Parties and EDI

- Introduction to Trading Partner Integration
- Introduction to EDI
- Creating EDI Solutions using BizTalk Server
- Lab: Create a Role and Party Based Integration Solution

Module 14: Integrating with Business Rule Policies

- Introduction to Business Rules

Module 15: BAM

- Introduction to Business Activity Monitoring

QuickLearn is an industry leader for training on Microsoft developer tools & servers. Our instructors are industry experts & our courses employ leading-edge learning tools. We offer flexible learning options including live instructor-led classes for local & distance learning attendees. We also deliver private classes onsite or over the Internet using our cloud-based virtual classroom environment.

QuickLearn

For schedules and detailed course information….

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