

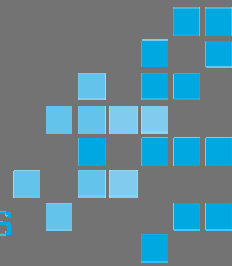
2008

BtPro Training

OverView

CODit

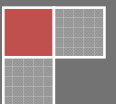
SOA & BPM solutions



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What is BtPro Training?

BtPro training is advanced BizTalk training provided by experienced BizTalk developers and architects. BtPro goes deep into the technical aspects of BizTalk development covering advanced EAI, BPM and SOA topics. A student should expect to have a thorough knowledge of the inner workings of BizTalk after having completed the course. Unlike other 'deep dive' courses, BtPro forces the students to think through the problems and doesn't mask the complexity of BizTalk. Students are challenged to solve real world problems.

What does BtPro Training Cover?

BtPro covers in-depth EAI, BPM and SOA. Below is a list of topics discussed in depth:

- Complete BizTalk technical review
- Pub/Sub architecture advanced review
- Pipeline architecture
- Developing custom pipeline components (.Net programming required)
- Messaging:
 - Batching
 - Debatching
 - Failed interchange configurations
 - Pipeline vs BPM
 - Complex Flat File disassembly
- Transactions
 - Adapters
 - Pipelines
 - BPM
 - WCF
- Business Rules Engine
 - Architecture
 - Performance

- Fact Retrievers
- Deployment
- BPM
 - Orchestrations
 - Patterns: convoys
 - Correlation
 - Direct binding
- SOA
 - WCF inside and out
 - WCF adapters
 - LOB Adapters inside and out
 - Design patterns for monitoring, reliability, and BizTalk as SOA backplane
 - The future of adaptation and how it fits into BizTalk
- B2B
 - EDI inside and out based on common examples
 - AS2
- BAM
 - Continuation
 - BAM API
 - R2 Interceptors
 - Architectural point of view for SLAs in SOA
- Performance
 - Development issues
 - Scalability
- Infrastructure
 - Clustered
 - NLB
- Security

BtPro instruction guides the developer / architect through complex EAI issues and leads them to newer SOA alternatives where appropriate. The training prepares students to understand both big-picture architecture and minute programming details.



BtPro Audience

Although BtPro training targets experienced students, beginners are welcome and instructors can adapt to any level. Since there are usually a mix of levels from beginner to advanced, BtPro provides more step-by-step labs for beginner students and more advanced labs for experienced students. Students are free to choose according to their level.

BtPro demos

BtPro course content reinforces visual presentations with interactive demos. Demos are designed to tackle specific technical issues as related to the presentation that preceded the demo. The students can interact and ask questions about demos. All code to the demos is provided with the course content – all rights reserved.

BtPro Agenda

The agenda depends on the level of the audience but typically goes as follows for a 5 day agenda:

Day 1

- High Level Overview BizTalk
- BizTalk Technical Review
 - Messaging
 - Pipelines
 - Orchestrations
 - Demos
 - Start labs (advanced students may opt out of the basic labs and go for the case **study** lab which should last the majority of the 5 days)

Day 2

- Advanced Transactions
 - Demos
 - Labs
- Advanced subscriptions
 - Demos
- Business Rules
 - Demos
 - Labs

Day 3

- Advanced Pipeline Development / Performance / Security
 - Demos
 - Labs
- Deployment / Debugging
 - Labs
- WCF
 - Demos
 - Labs



Day 4

- BizTalk WCF Adapters
 - Demos
 - Labs
- BizTalk LOB Adapters
 - Demos
 - Labs

Day 5

- BizTalk EDI
 - Demos
 - Labs
- BAM / R2 Interceptors
 - Demos
 - Labs
- Summary / Presentation of Case study results if participated