



Forget triggers and custom code - use Oracle Business Events with BPEL



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Agenda



- About Innowave
- Oracle Business Events
- Why Use Business Events?
- Triggers Vs Business Events
- Oracle Applications Adapter
- Pre-requisites
- Building an Interface Demo
- Tips and Techniques
- Q&A





About Innowave



- Technology Consulting Firm founded in 2005
- Provide unique, innovative solutions using Oracle Applications and Technology
- Integration Experts: Fusion Middleware, SOA Suite, BPEL & Web services
- Implement, upgrade, and enhance Oracle E-Business Suite, JD Edwards, PeopleSoft, and Siebel Applications and related technologies
- Extensive experience and expertise managing global and local implementations across various industry verticals.
- Provide clients with proven methodologies, tools, and templates specifically tailored to their requirements.







Oracle Business Events





Oracle Business Events System



- A service delivered with Oracle Workflow.
- Leverages Oracle Advanced Queuing (AQ).
- Ability to extend and configure business logic.
- Asynchronous messaging without modifying standard application Code.
- Publish Subscribe mechanism.

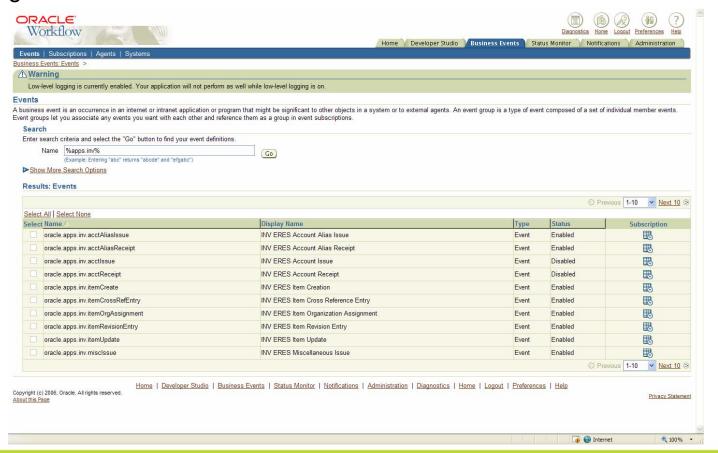




Oracle Business Events System



Login as Administrator





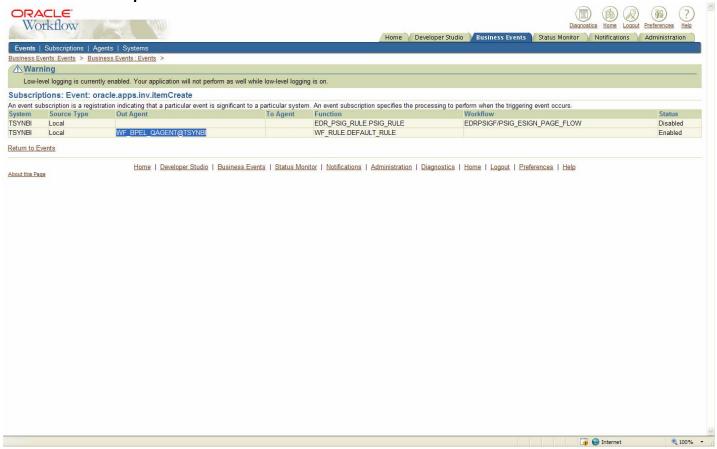




Oracle Business Events System



BPEL Subscription.







Why Use Business Events?





Why Business Events?



- Robustness
 - Guaranteed Delivery
- Scalability
 - Supports multiple Subscriptions
- Zero Coding
 - Out of the box functionality





Why Business Events?



- Easier to manage
 - No Maintenance
- Oracle recommended
 - No Upgrade issues
 - No Customizations
 - Seeded Functionality





Triggers Vs **Business Events**





Triggers Vs Business Events



Triggers

- Requires Coding
- Requires PL/SQL expertise
- Involves Maintenance

Business Events

- Zero Coding
- Minimal Setups
- Minimal Maintenance











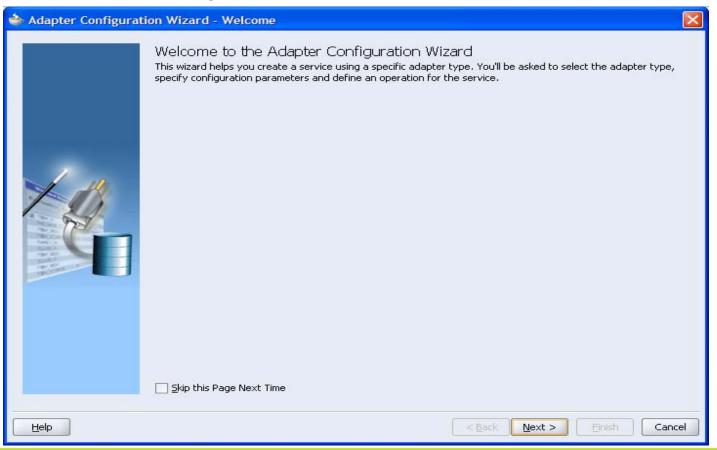


- Available out of the box
- Supports Business Events
- Also supports CPs, APIs
- Wizard driven configuration
- Declarative setup





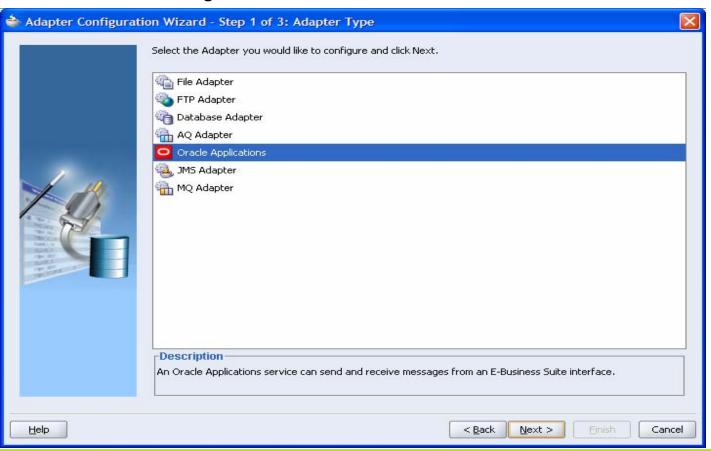








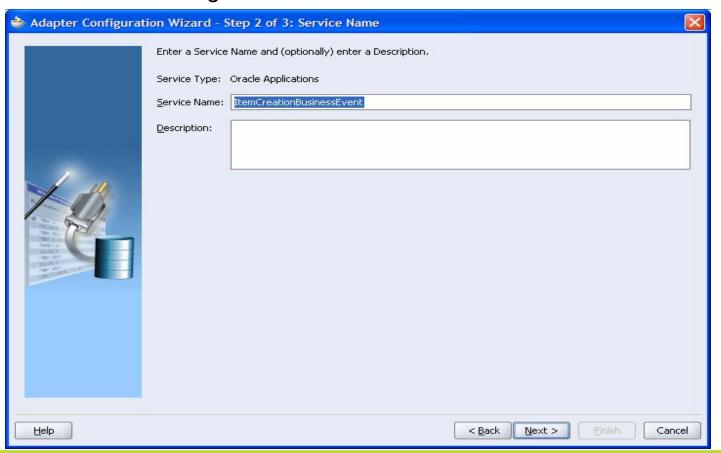










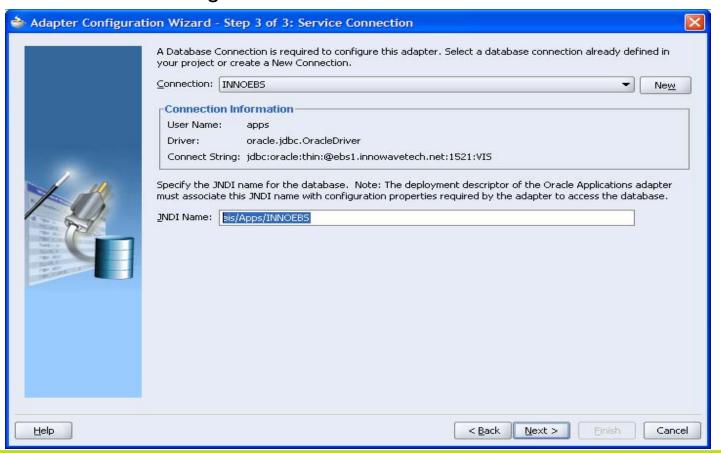








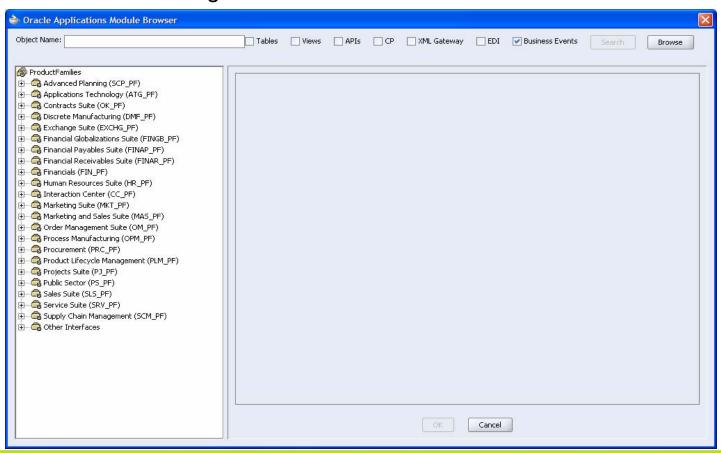








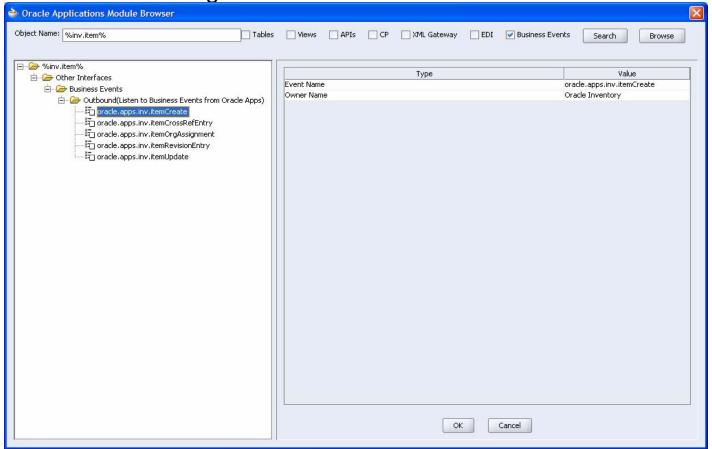








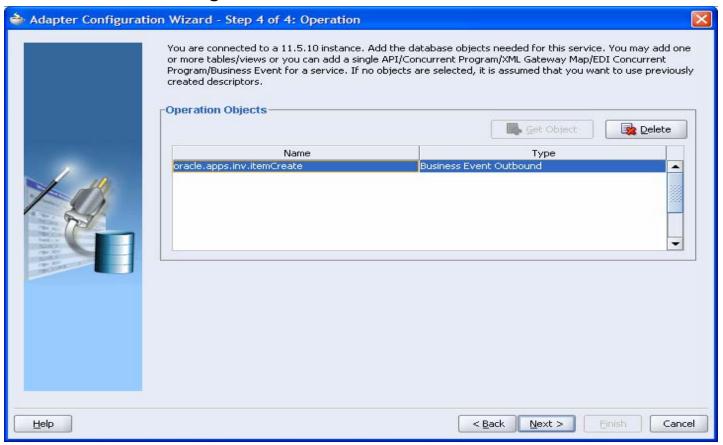








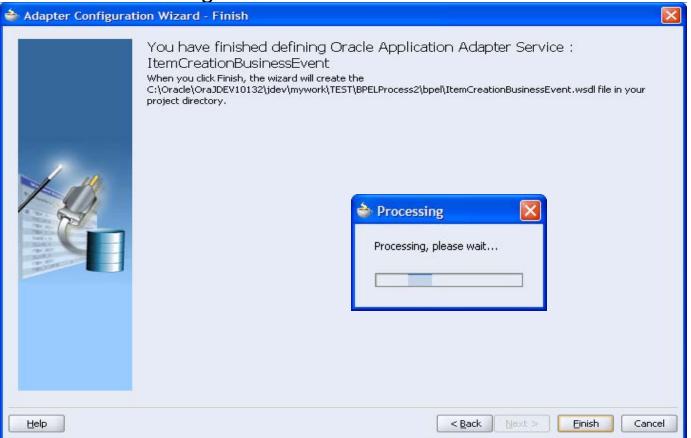


















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Pre-requisites

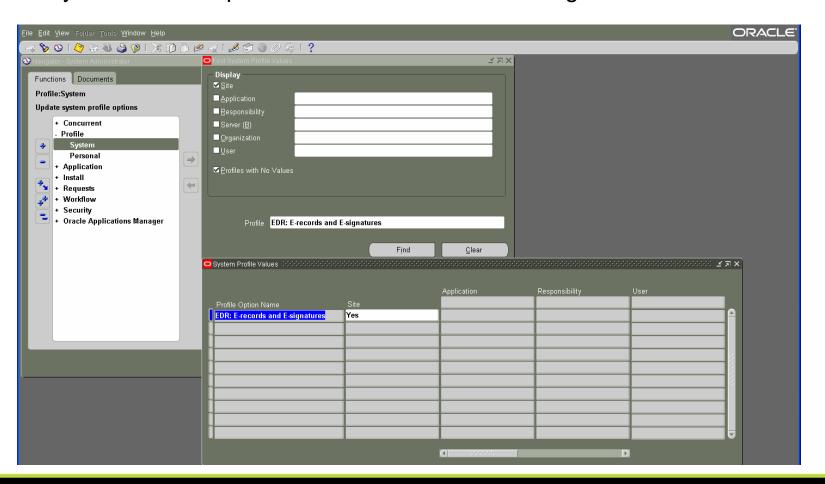




Pre-requisites



System Profile Option – EDR:E-records and E-Signatures







Pre-requisites

Enabling the Business Event



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DEMO







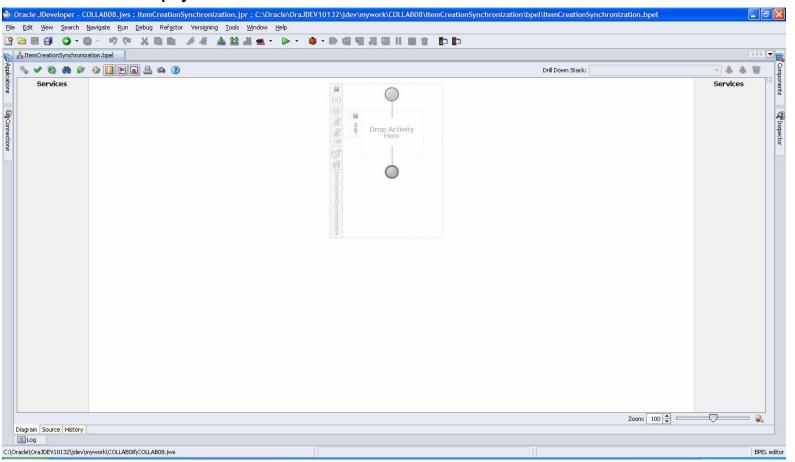
- Inventory Item Synchronization
 - Build a BPEL Process
 - Deploy the BPEL Process
 - Create an Item in EBS
 - Interface Item information







Build an Empty BPEL Process

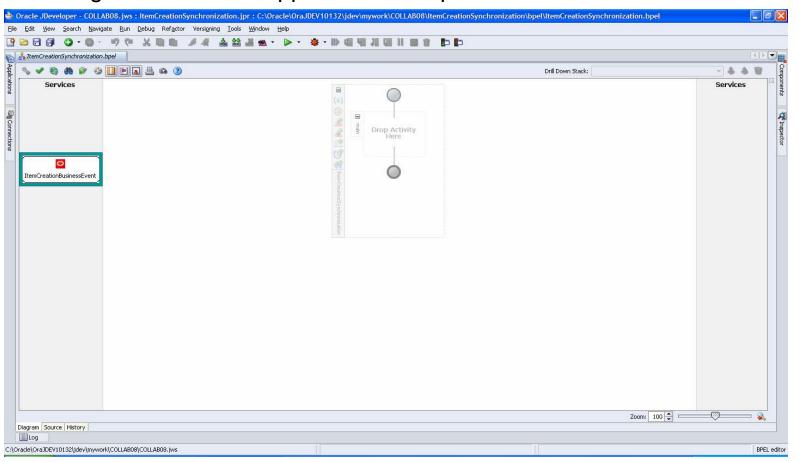








Configure the Oracle Applications Adapter

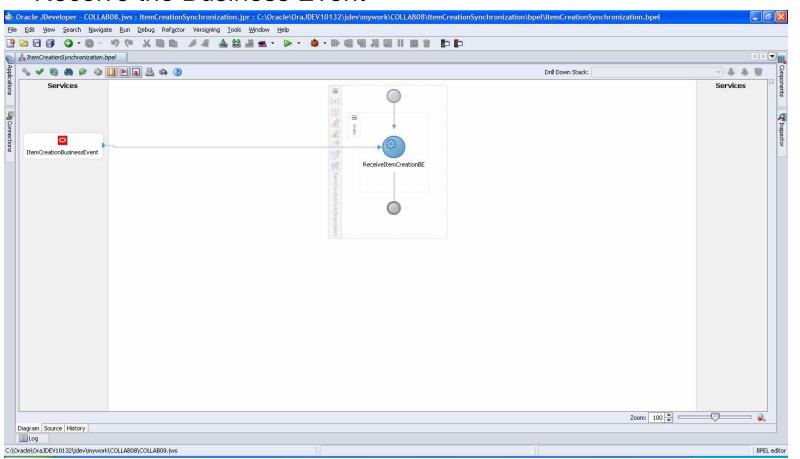








Receive the Business Event

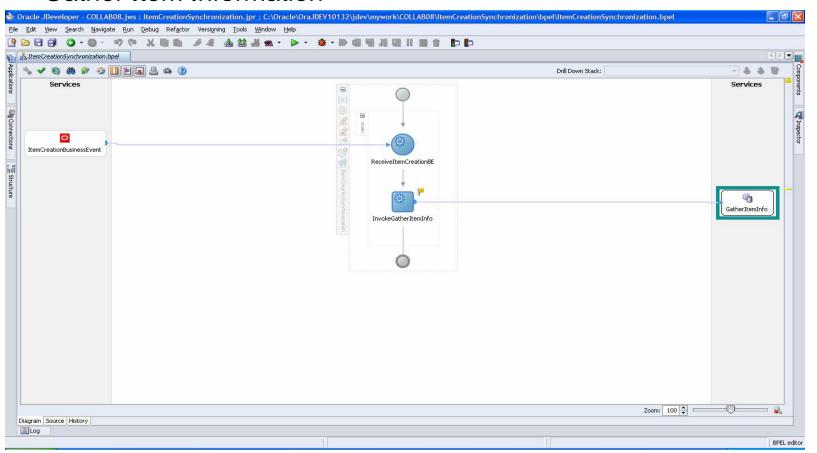








Gather Item Information

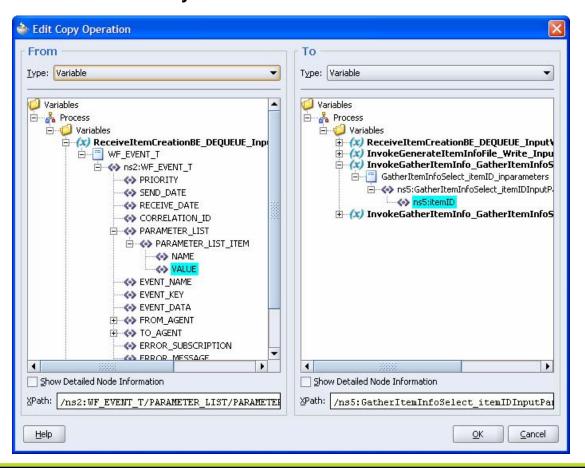








Assign Item ID to Query

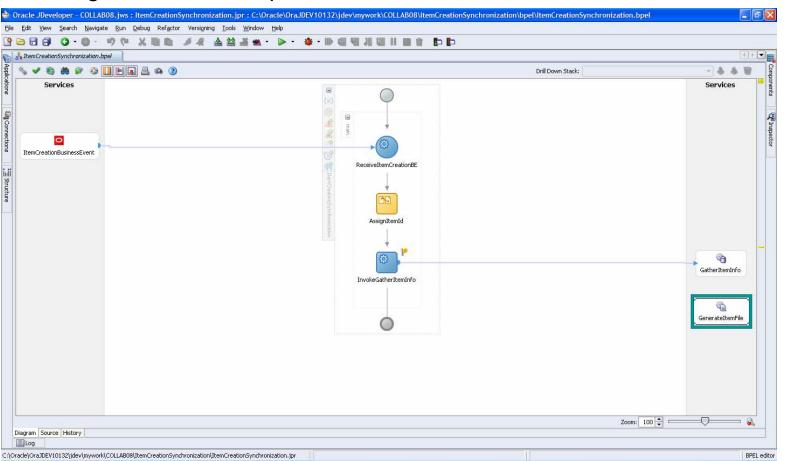








Configure the File Adapter

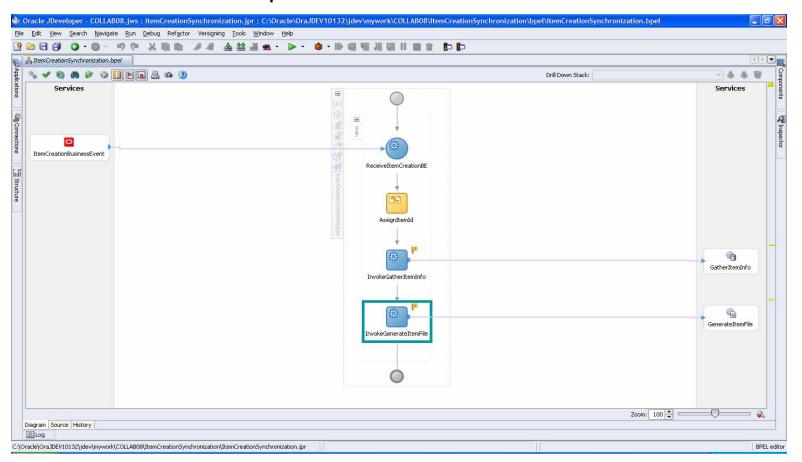








Invoke the File Adapter

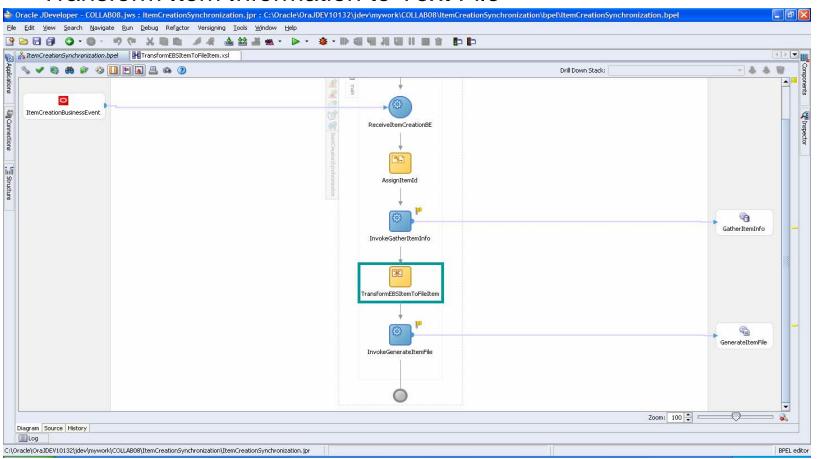








Transform Item Information to Text File









- Deploy the BPEL Process
- Create an Item in EBS
- Find the generated .TXT file in the Output folder





Tips and Techniques





Tips and Techniques



- Oracle On-Demand scenario
- Reposting Mechanism
- Exception Handing







Q & A

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