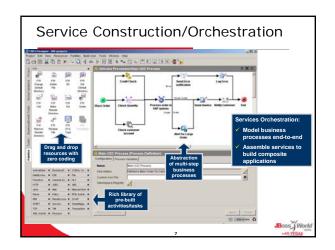
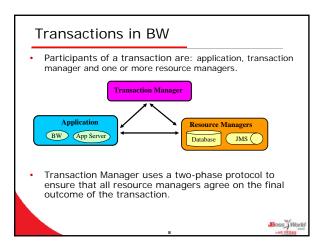
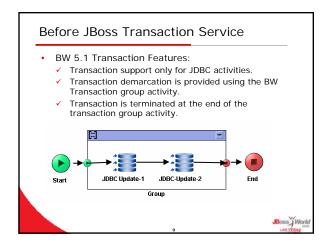
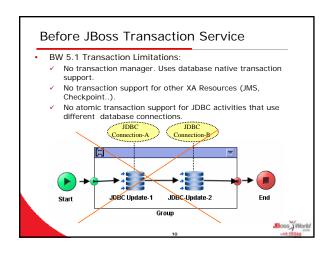


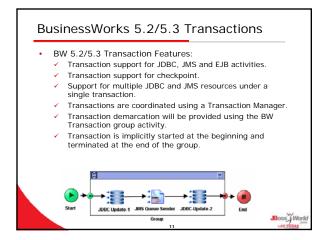
How is BW Different Model Driven, not a code generator Scalable, fault tolerant, able to support a zero downtime environment 3rd generation product – rock solid Rich library of activities and palettes • Transactions!

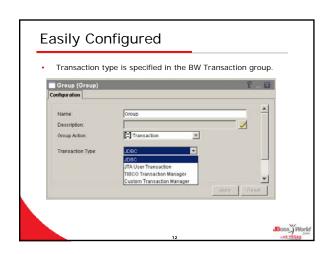












Transaction Palate

- The resources required for configuring the transaction group will be contained in the palette "Transaction":
 - Custom TransactionManager Configuration: a shared resource that contains the details of a Custom transaction manager.
 - JTA UserTransaction Configuration: a shared resource that contains the details of the application server that provides the JTA support.
 - TIBCO TransactionManager Configuration: a shared resource that contains the details of the TIBCO transaction manager.
 - Transaction State: activity that can be used inside a transaction group to obtain status or modify the outcome of the transaction.

Boss

Uses the Transaction Manager provided by the Application Server. JTA UserTransaction API is used to interact with the application server and provide transaction for JDBC, JMS & EJB activities. BusinessWorks JDBC activities must be configured to use the data source from the application server. BusinessWorks JMS activities must be configured to use the connection factory from the application server.

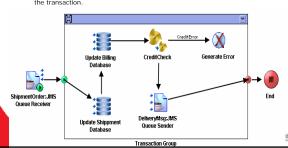
XA Advantages

- New BW transaction model hides the complexity of interaction of the application, XA resource manger, transaction manger and provides the user with a zero coding mechanism to perform multiple operations as an atomic unit.
- ✓ Local transaction manager (can even run in the same JVM)
- ✓ Platform and language neutral industry-standard
- ✓ No Extra Network Traffic
- ✓ Example: shipment order
 - Receive a JMS message for shipment order.
 - Update shipment database.
 - Update billing database.
 - Perform Credit Check
 Sand IMS assessment for all
 - Send JMS message for delivery request.
 - · Finally user can commit or abort all operations

Boss Work

Example

- Shipment order example using BW 5.2 and JBoss
 Transaction Service
- Transaction Group: JMS Queue Receiver activity is also included in



Competitive Advantage for TIBCO

- Only process tool with XA among leading vendors
- Only orchestration or construction tool among leading vendors with XA support

Boss World

Why JBoss Transaction Service

- Proven
- Performant
- Support from awesome, responsive people who have been doing this forever
- Strategic, forward looking technology
- Flexible licensing

Boss Wo

Boss World

