




Introduction to JBoss IDE

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Introduction

- **Vision**
 - Deliver tooling for the entire JEMS stack of middleware technology.
- **Strategy**
 - Use existing standard tooling (Eclipse 3.2 & WTP 1.5) to provide the basis EJB, Servlet, Ant, ...
 - Focus on/Add JBoss specific support
JBoss AS, Hibernate/JPA, JBoss jBPM, JBossWS, JBoss Rules, ...
- **Status**
 - > 1 million downloads for JBoss IDE 1.x
 - JBoss IDE 2.0.0.beta 3 soon...

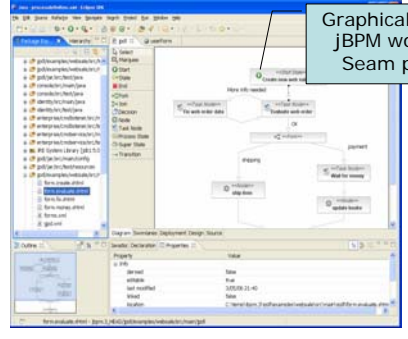


JBoss AS Integration Demo


- Our demo app is a simple blog engine
- **Two tables:**
 - Author: has "name" and "password" columns
 - BlogEntry: has "title" and "content" columns, and a foreign key to the Author table
- The goal is to create a working web application using JBoss Eclipse IDE, starting with nothing but a schema.
- **Part 1:**
 - Demo setup
- **Part 2:**
 - Create EJB3 Project, Start JBoss
 - Reverse Engineer the tables into Entities
 - Query our database with JQL, and listing the SQL being generated by Hibernate
- **Part 3:**
 - Switch over to EJB3 generation mode
 - Create a simple EJB3 stateless session bean to front our entities
- **Part 4:**
 - Create a test servlet
 - Create our descriptors
- **Part 5:**
 - Setup WAR, JAR, and EAR packaging configurations
 - Test packaging/execution in an external script
- **Part 6:**
 - Look at various logs
 - Deploy our EAR to JBoss
 - Demonstrate code debugging and hot code replace
 - Briefly go over Redeploy and Undeploy



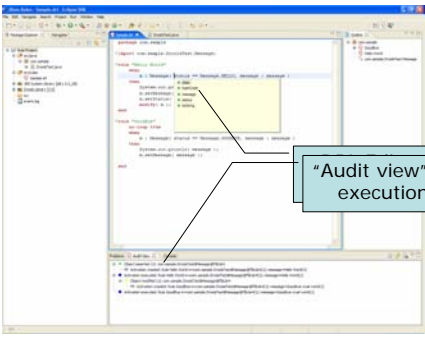
JBPM Designer




Graphical editing of jBPM workflow & Seam pageflow



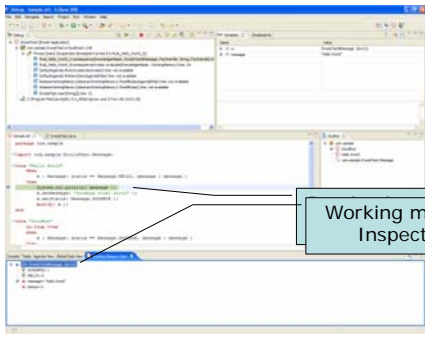
JBoss Rules IDE




"Audit view" to show execution trace

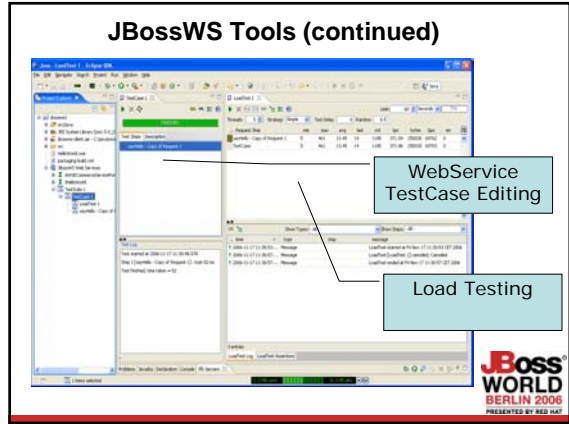
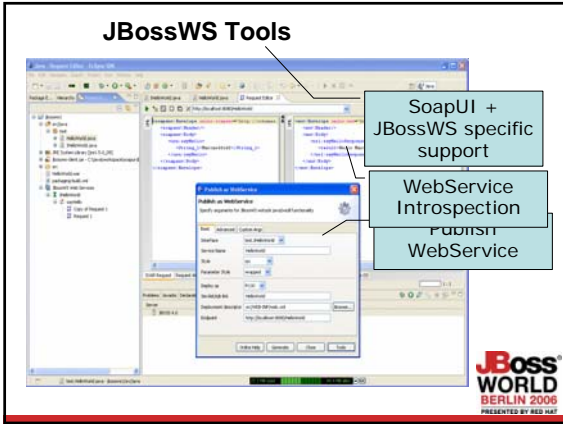


JBoss Rules IDE (continued)



Working memory Inspection





- **The Team**
 - Marshall Cuipepper – JBossIDE Core, Team Lead
 - Koen Aers – jBPM Designer
 - Rob Stryker – JBossAS Adapter
 - Max Andersen - Hibernate Tools

 - Kris Verlaenen – Drools IDE
 - Ole Matzura (Eviware) – JBossWS Tools
 - Joe Hudson – FreeMarker IDE
 - Gurkan Erdogan – JBoss Cache IDE
 - Your name here!

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Q & A

<http://www.jboss.com/products/jbosside>

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