



The Speed of Business: Performance Techniques for JBoss BPMS

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Abstract:

In the search for improvements to operational efficiency, businesses are increasingly adopting business process management solutions as part of their core software stack. Red Hat's business process management offering, JBoss BPMS, provides a lightweight and flexible solution to meet the needs of a diverse set of business requirements and is designed to address even the most demanding use cases.

In this session, Sal Elrahal and Brad Davis will present patterns for implementing highly-available, scalable solutions leveraging the JBoss BPMS platform. The presentation will explore horizontal scale-out, database partitioning, load balancing, BPMS platform tuning, connection pooling, high availability, and virtual machine configuration: considerations necessary for planning and constructing the ideal environment for process execution. During the session, the team will demonstrate, in real-time, the execution of *tens of thousands* of concurrent processes.

This session will cater to those exploring BPMS as a solution for large-scale deployments, as well as architects, system engineers, software developers, and system engineers responsible for implementation and operation of the BPMS platform.

The technical demonstration will leverage JBoss BPMS, Fuse ESB (Camel and AMQ), WebSockets, and JBoss EAP.

Technical Difficulty: 3

Audience: Software Developers, Middleware Operations, Database Operations, IT Managers

Topics: JBoss BPMS, JBoss EAP, Performance Tuning, High Availability, Scalability