

Enterprise Alerting with Red Hat JBoss Fuse and OpenShift 3

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General Information

The following table shows a high level summary of the objectives of this Red Hat Summit presentation.

Col Name	Col Name
Session Title	Enterprise Alerting with Red Hat JBoss Fuse & OpenShift V3
Type	Slide Presentation
Proposed Track	Application and Platform Infrastructure
Topic(s)	Application Development & Integration, PaaS
Theme(s)	Cloud, BPM and Integration
Solution(s)	Middleware
Product(s)	Fuse, BPMS & OSE v3
Service(s)	Consulting
Target Audiences	Architect, Developer, IT Executive, IT Manager
Benefit(s)	Timeness, Flexibility, Interoperability, Performance, Portability, Reliability, Scalability, Simplicity
Key Audience Takeaway	Best Practices for Integrating BPMS and Fuse on OSEv3
Proposed Speaker(s)	Bryan Saunders (Presenter),Toufic Arabi (Co-Presenter)

Session Abstract

The need for realtime notifications and information exchange has continuously increased in the past decade. Whether it is last breaking news, or shipment notifications, us humans have an incline to want to know the latest around us and maintain control of our daily activities. The world is so interconnected nowadays, that a small event at one end of the world has quite the ripple effect across the globe. Such events could be good or bad: a Tsunami on one end of the world, or the Red Sox winning the World Series on the other end, yet both deserve notifications being issued for them and sent to subscribers.

Imagine that notifications could be modeled into business processes where a change in the business nature can be automatically updated in enterprise scale applications. Furthermore, imagine that notifications could be sent to legacy and non legacy system through proper modeling of enterprise messaging routes with high availability and reliability. Finally, imagine this infrastructure sitting in an Open-Hybrid cloud infrastructure.

This session focuses on how the infrastructure above was built using Red Hat's OpenShift V3, JBoss Fuse and JBoss BPMS. We will be showing how OpenShift V3 docker containers containing JBoss BPMS processes and JBoss Fuse Camel routes were packaged and deployed into the cloud, and how enterprise alerting can flow from a business process to an enterprise route to be finally delivered in text message format to a subscriber.