RED HAT FORUM
Europe, Middle East & Africa

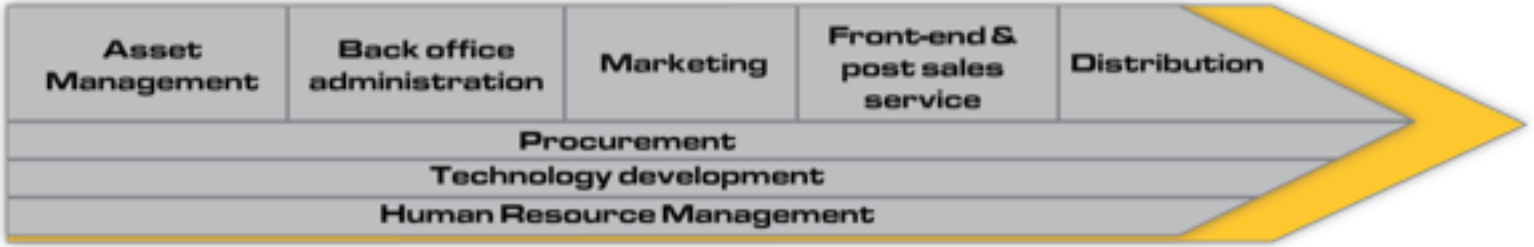
redhat.

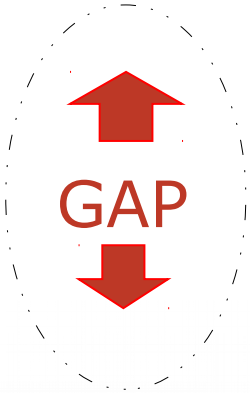
BPM on its way to PaaS enviroments

Jiří Kolář
Red Hat Solution Architect
CZ/SK/CEE

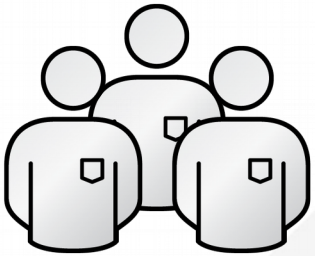
BPM?

STRATEGY



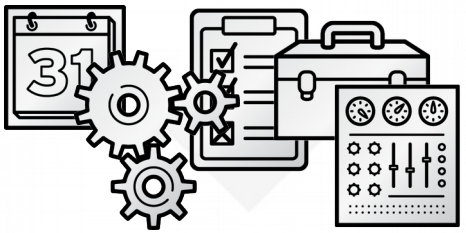


OPERATIONS



PEOPLE

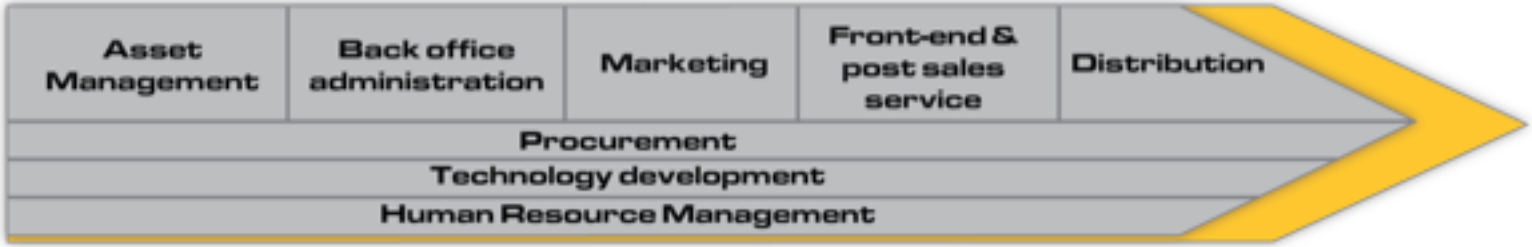
IT



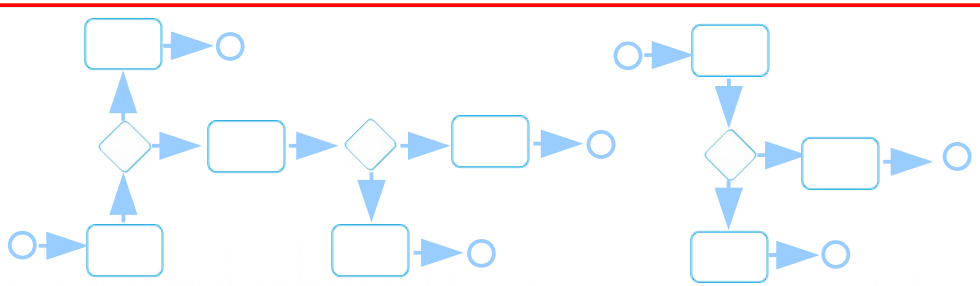
RESOURCES

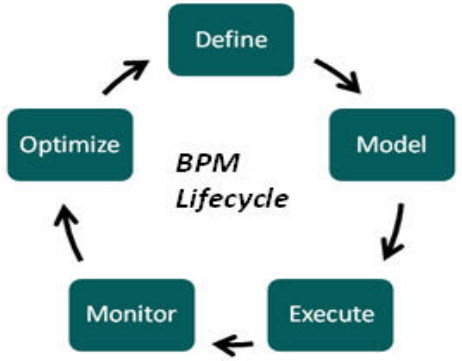
BPM!

STRATEGY

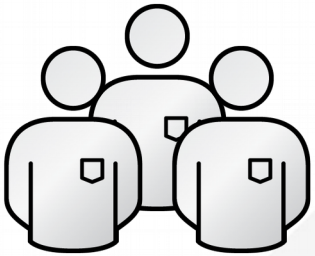


PROCESSES



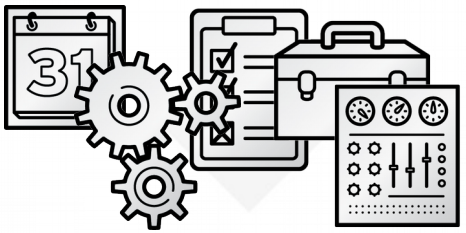


OPERATIONS



PEOPLE

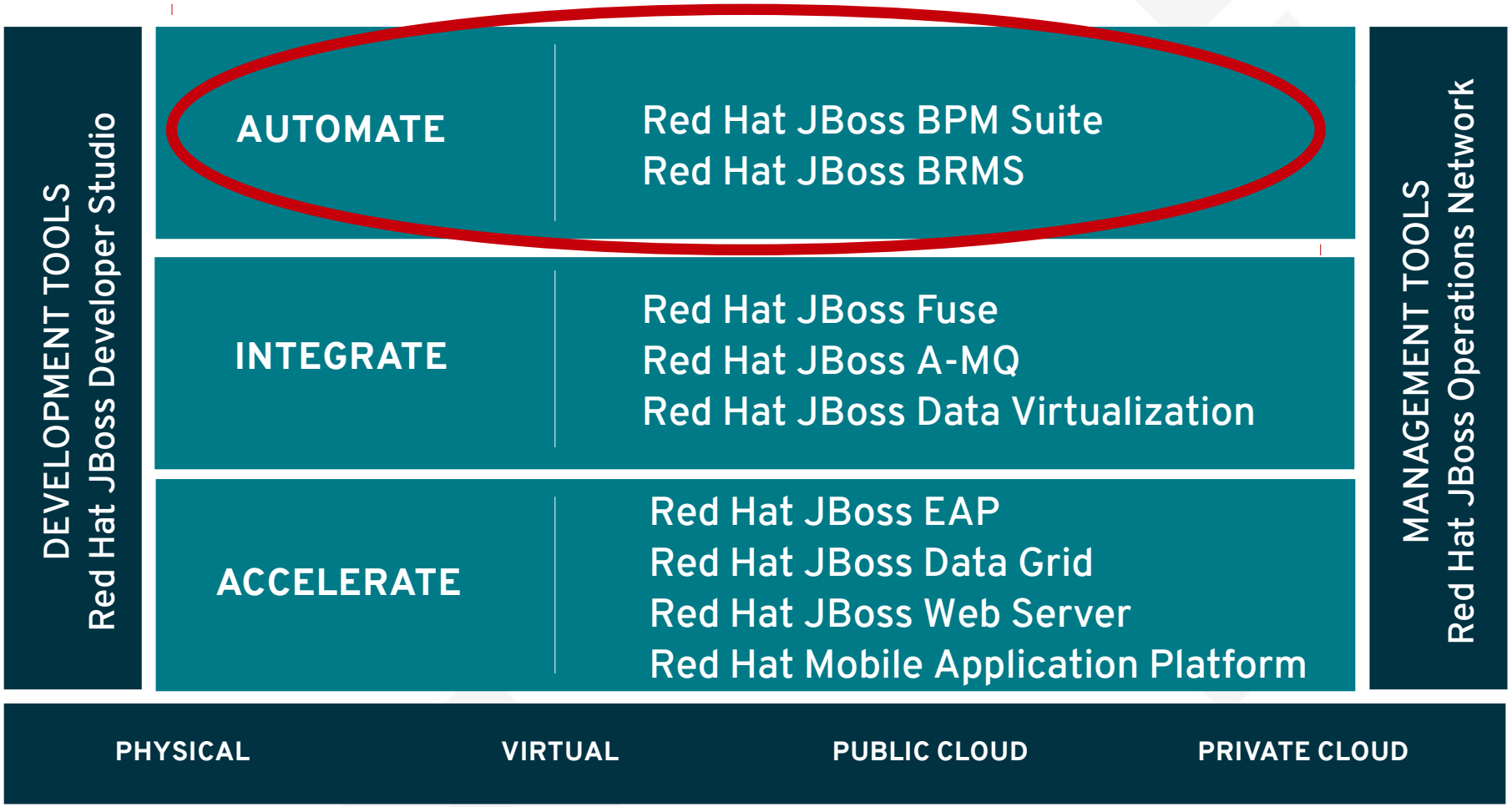
IT



RESOURCES

Red Hat's BPMS ?

RED HAT JBOSS MIDDLEWARE



JBoss BPM Suite

Process automation (BPM)

Similar products:

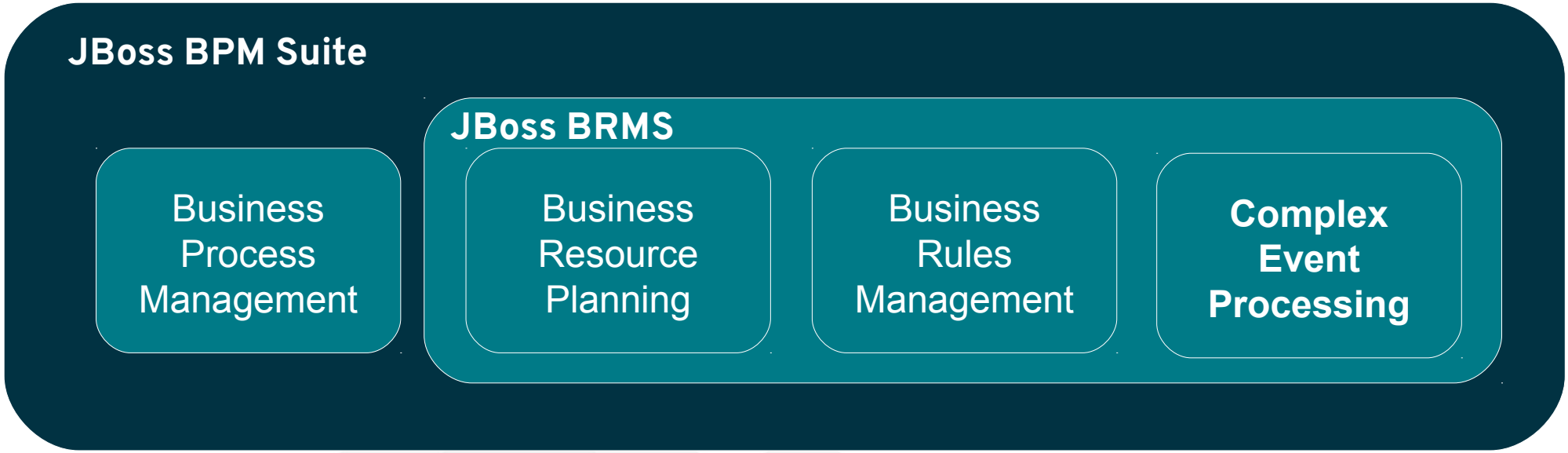
- IBM BPM, PEGA, Tibco, Bizagi, Oracle BPM, Activiti/Camunda, …

BRMS

Real-time Decesion Management

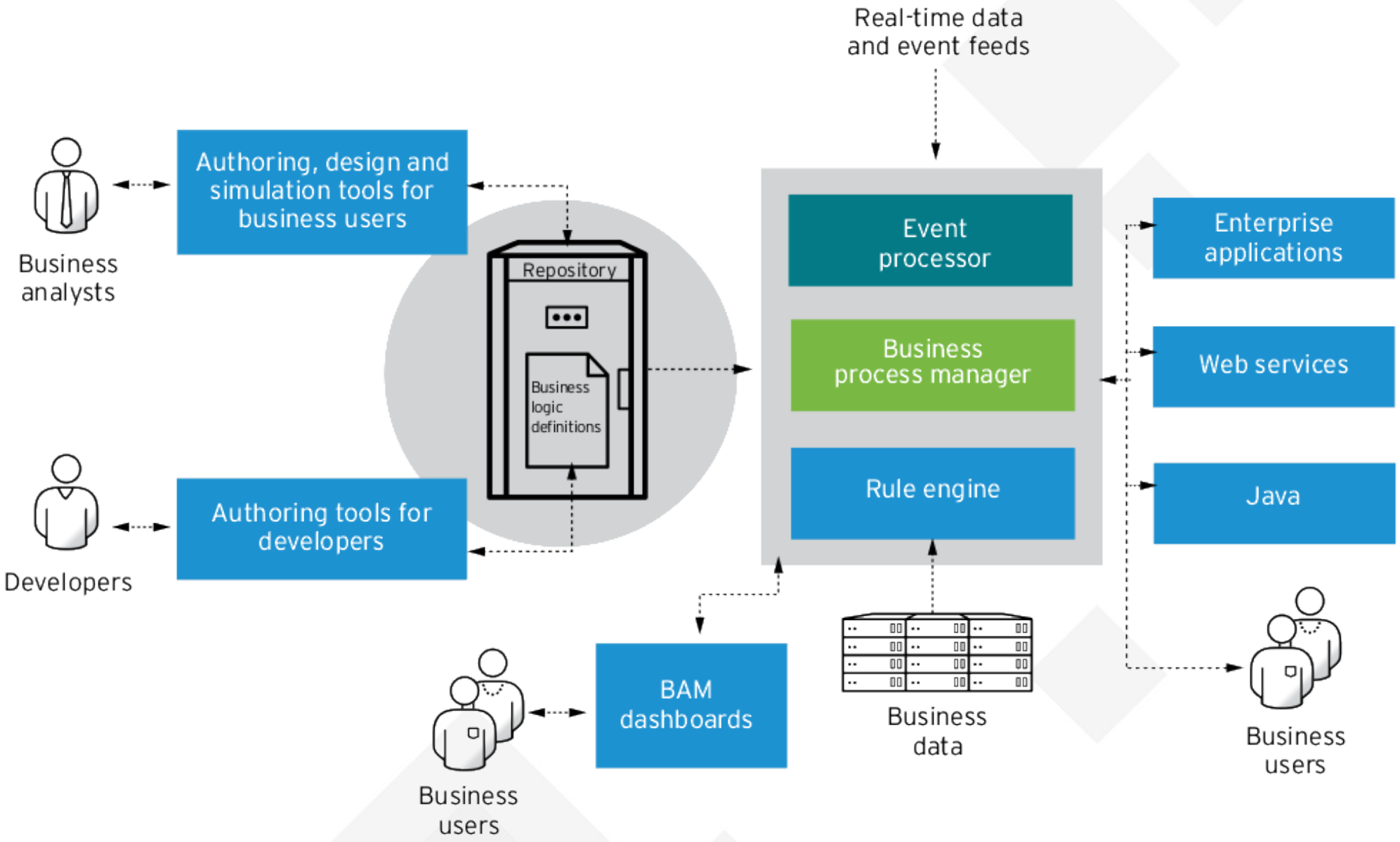
Similar products:

- PEGA, iLog (IBM), FICO Blaze …



Product Overview

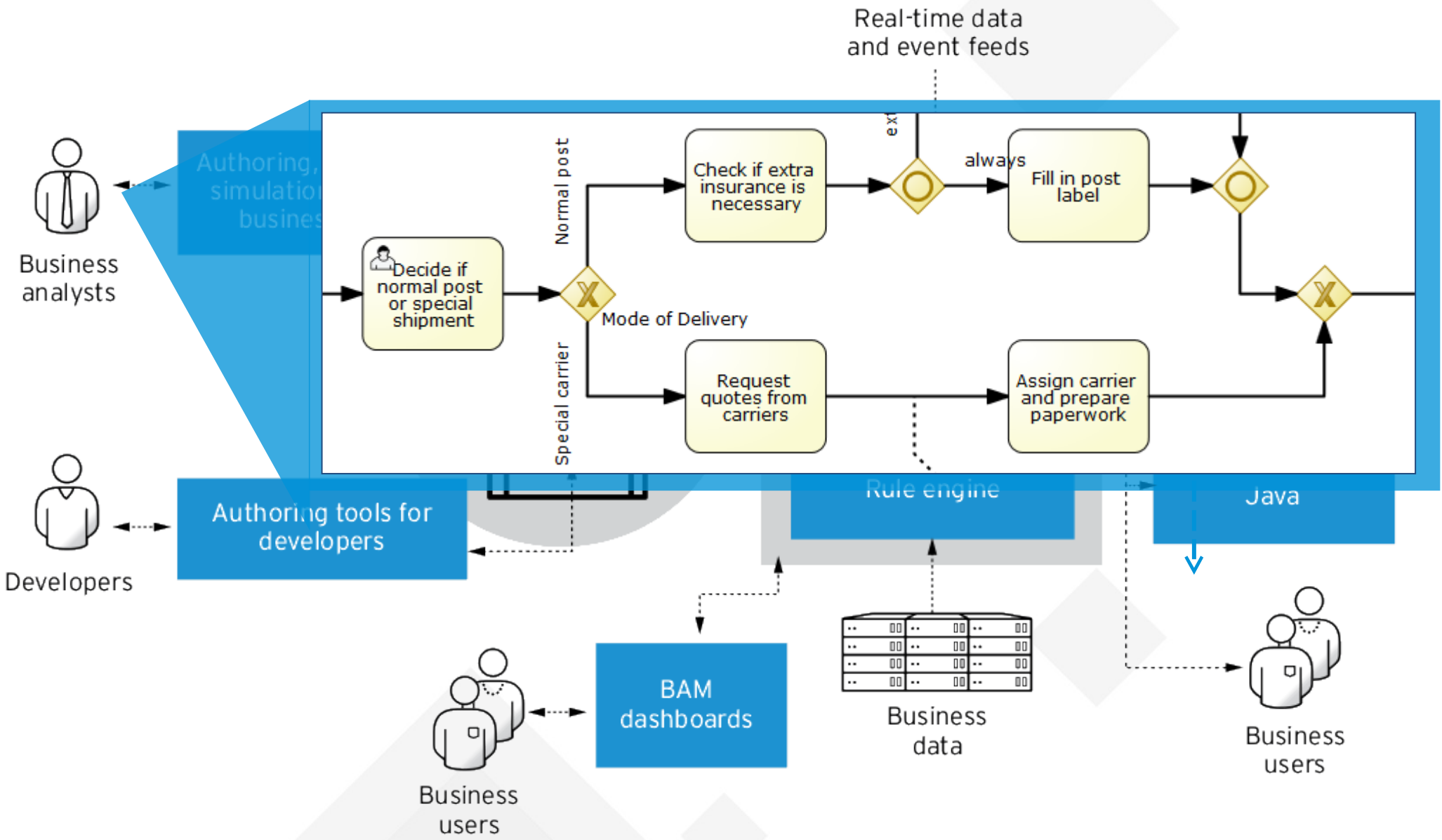
RED HAT® JBOSS®
BPM SUITE



Design time

Process Authoring

RED HAT® JBOSS®
BPM SUITE



Data Modeling

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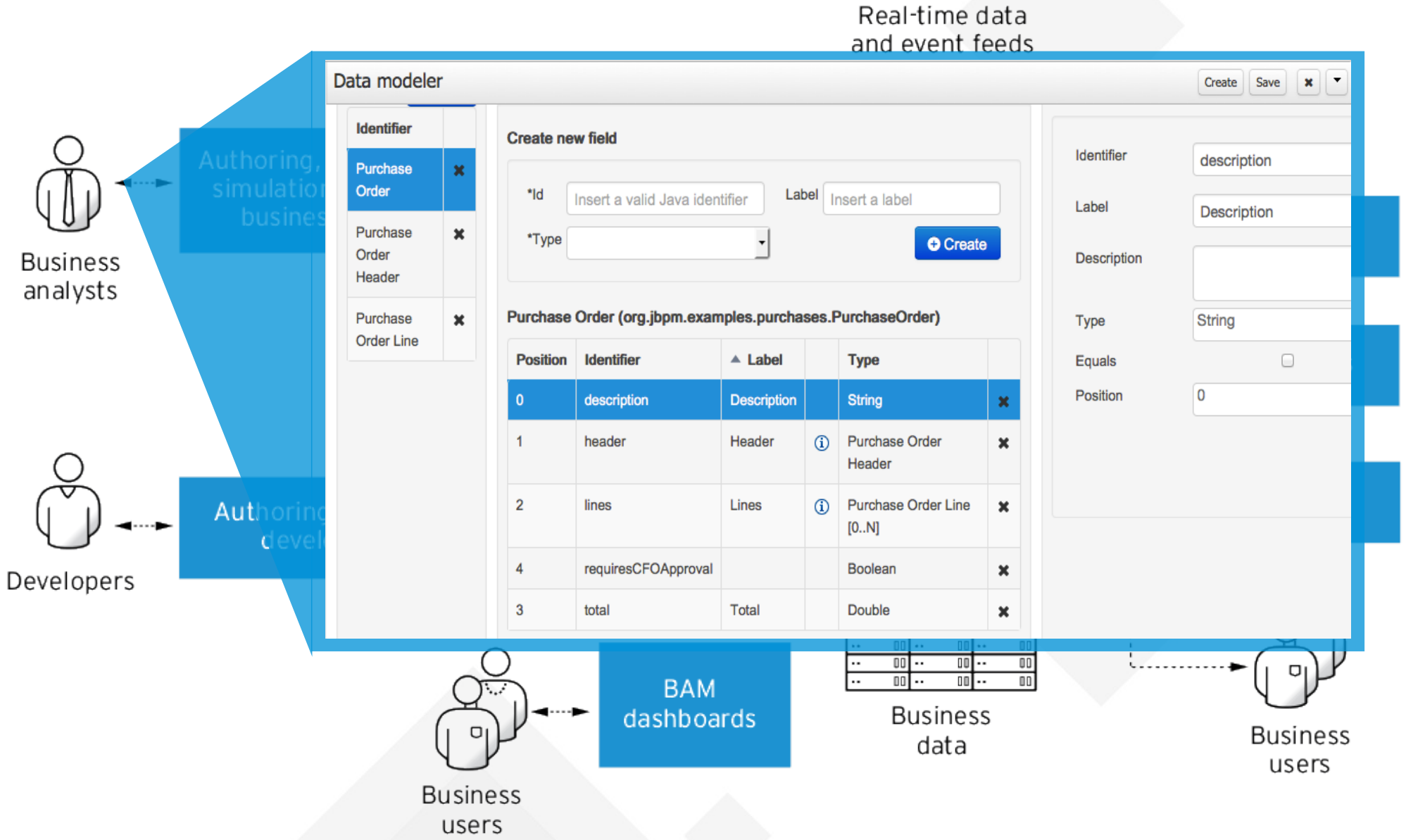
BPM SUITE



Form Design

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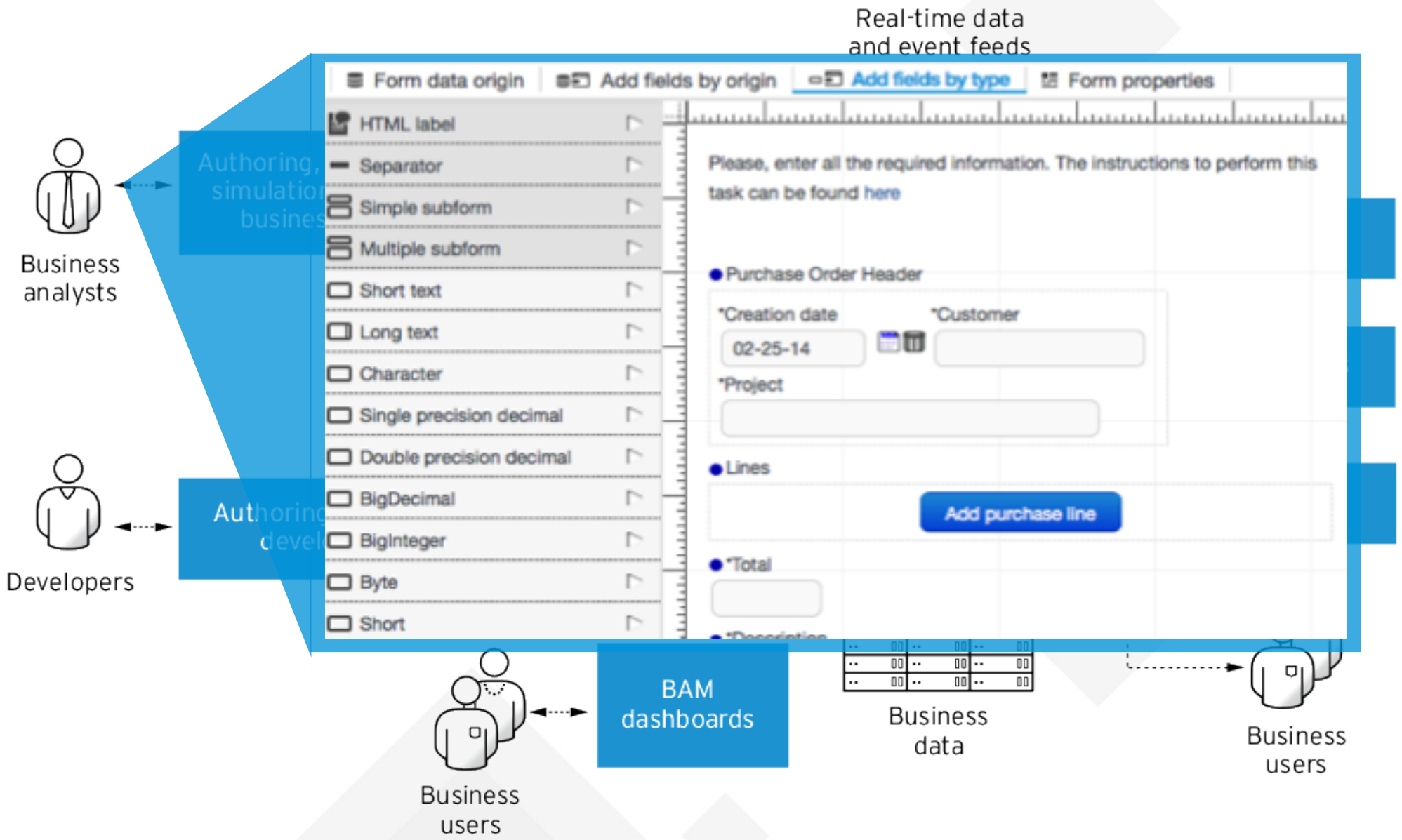
BPM SUITE



Simulation with BPSim

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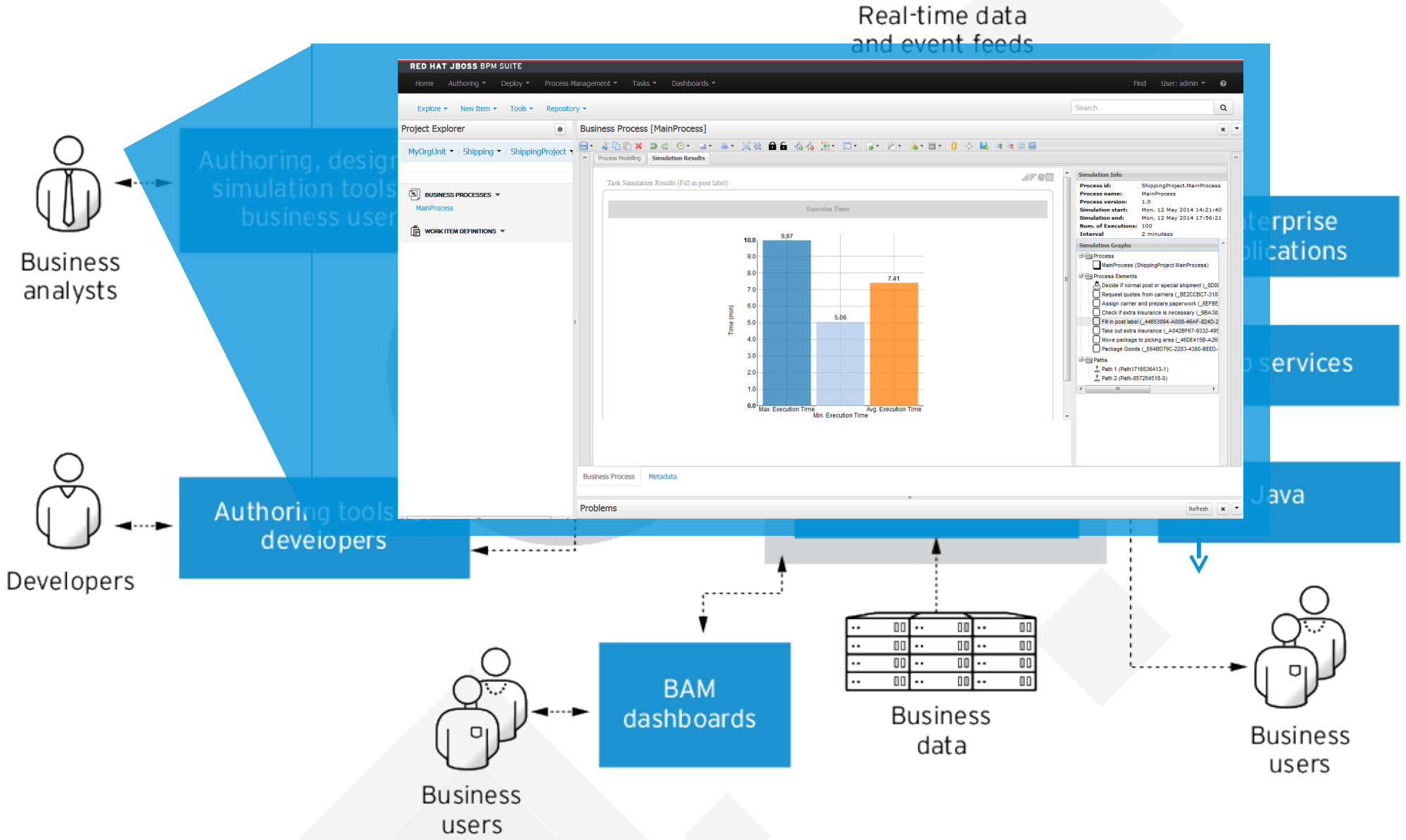
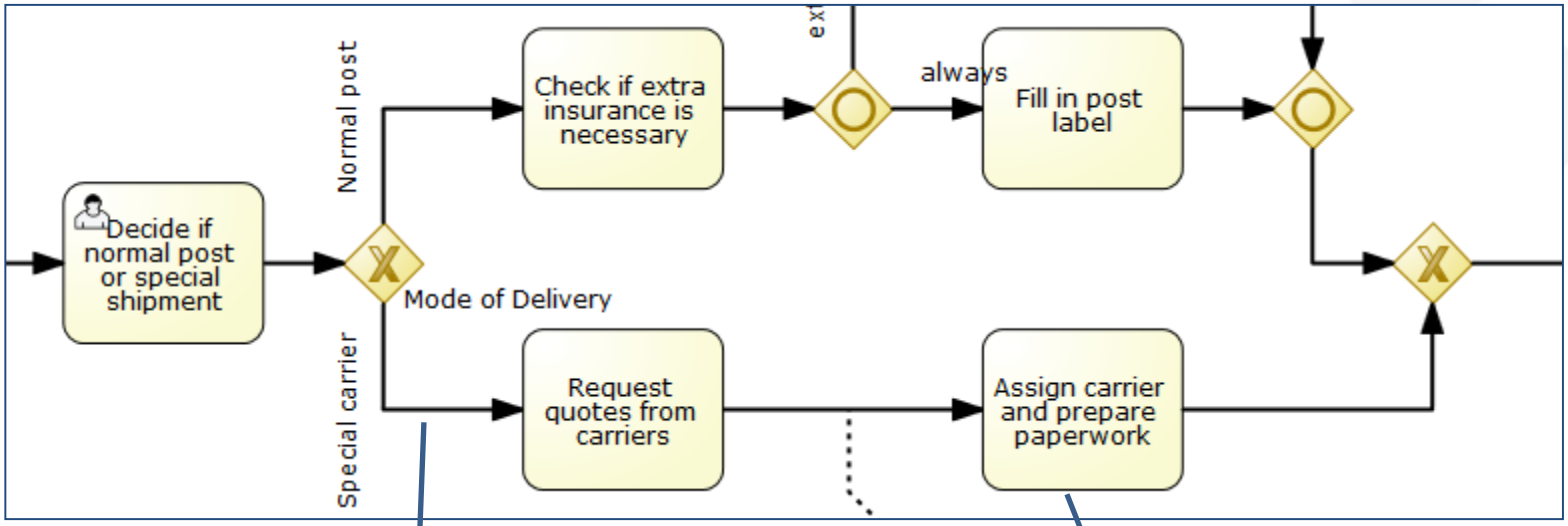
BPM SUITE



Simulation with BPSim

RED HAT® JBOSS®
BPM SUITE



Simulation Properties

Probability	75.0

Simulation Properties

Cost per time unit	10
Distribution Type	normal
Processing time (mean)	30
Staff availability	1.0
Standard Deviation	1
Working Hours	8

Business Rule Authoring

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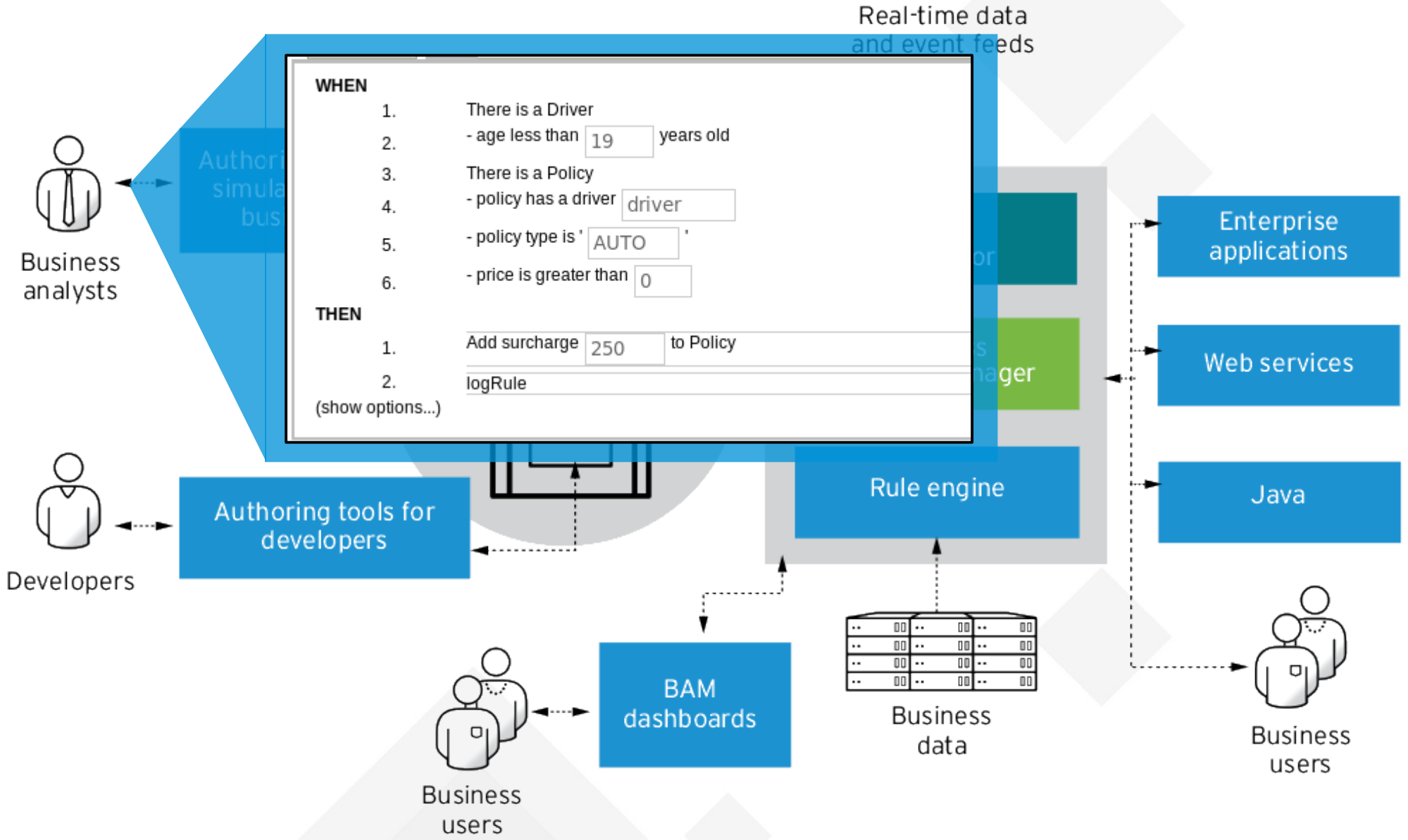
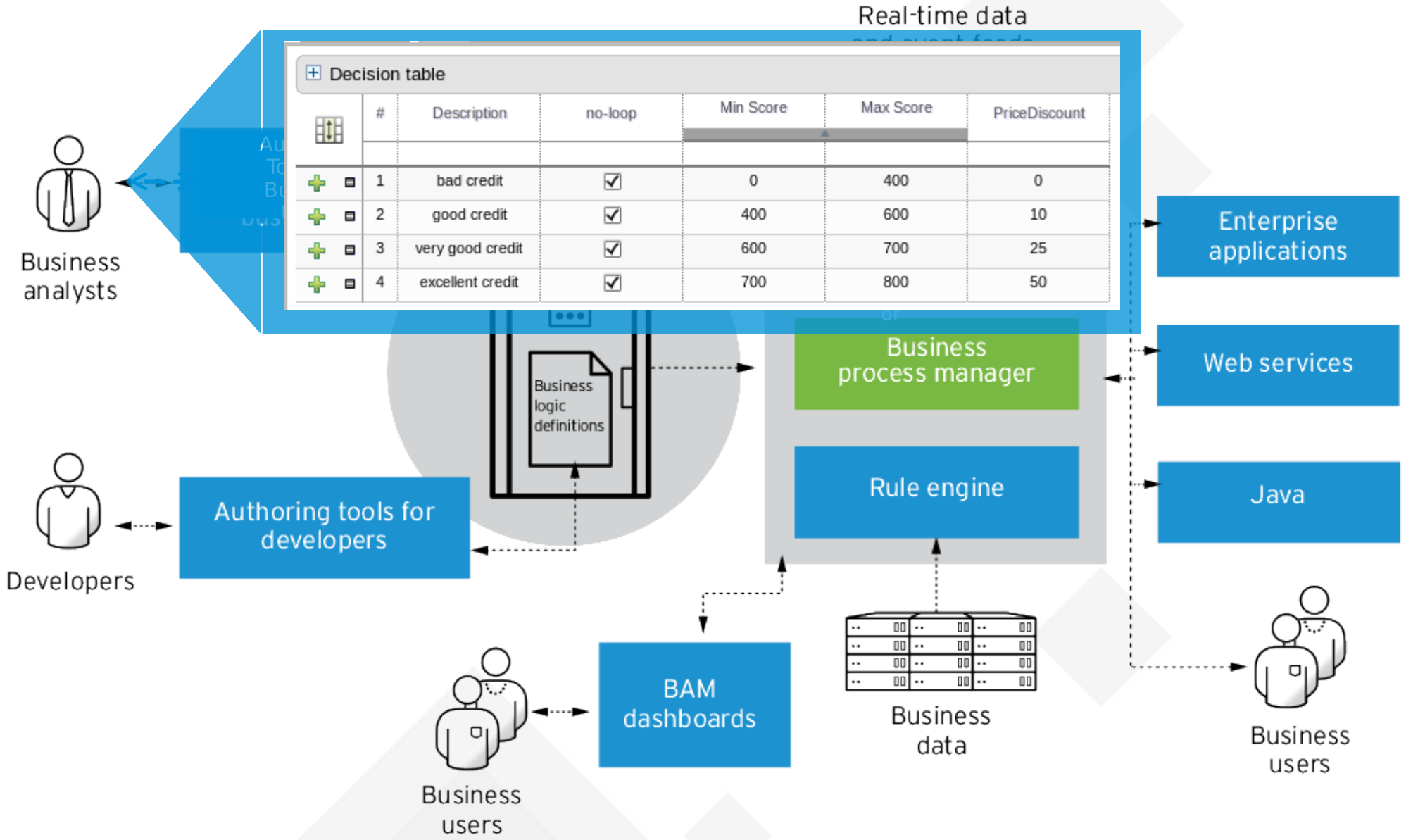
BPM SUITE



Decision Tables

RED HAT® JBOSS®
BPM SUITE



Rule Authoring for Developers

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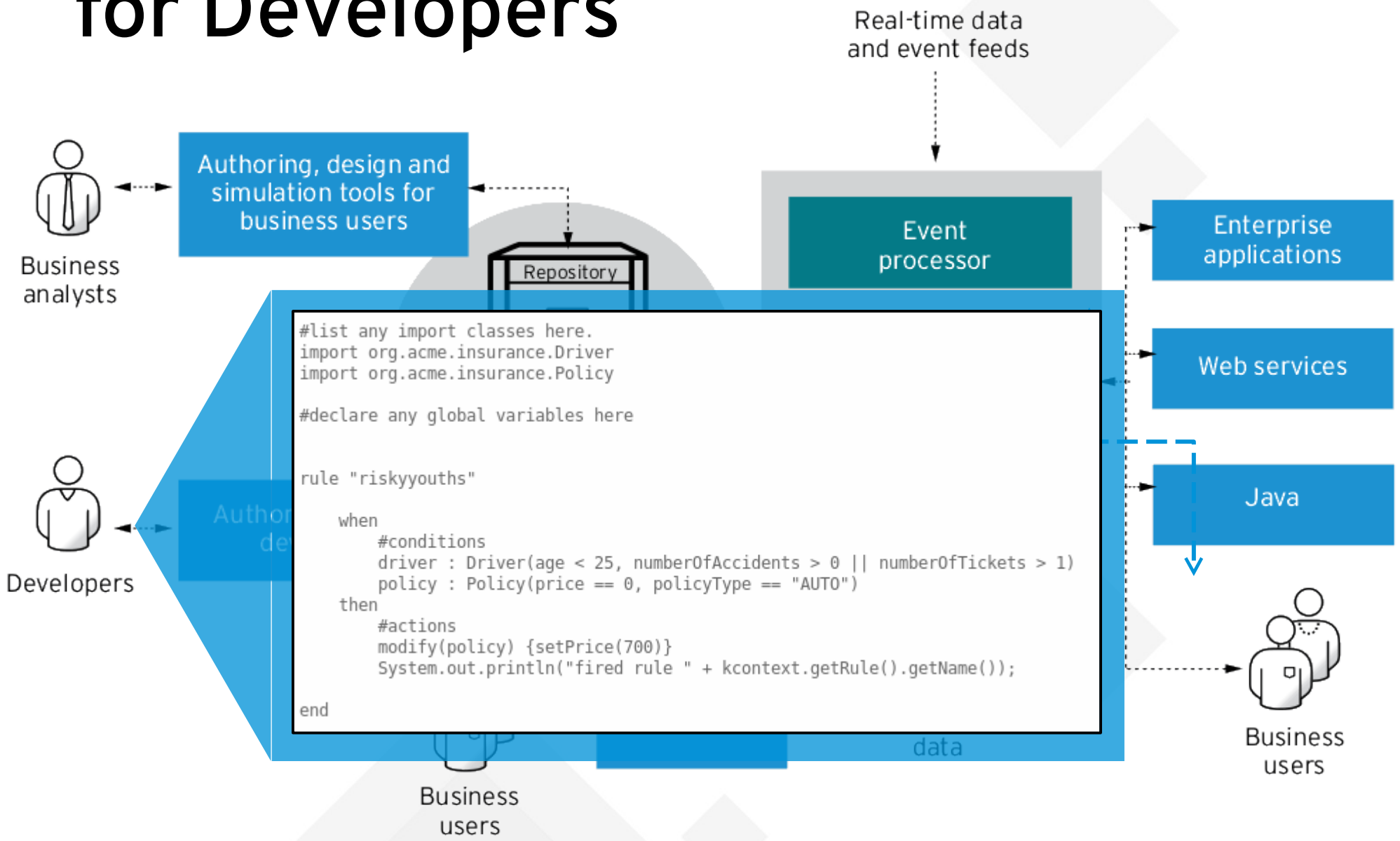
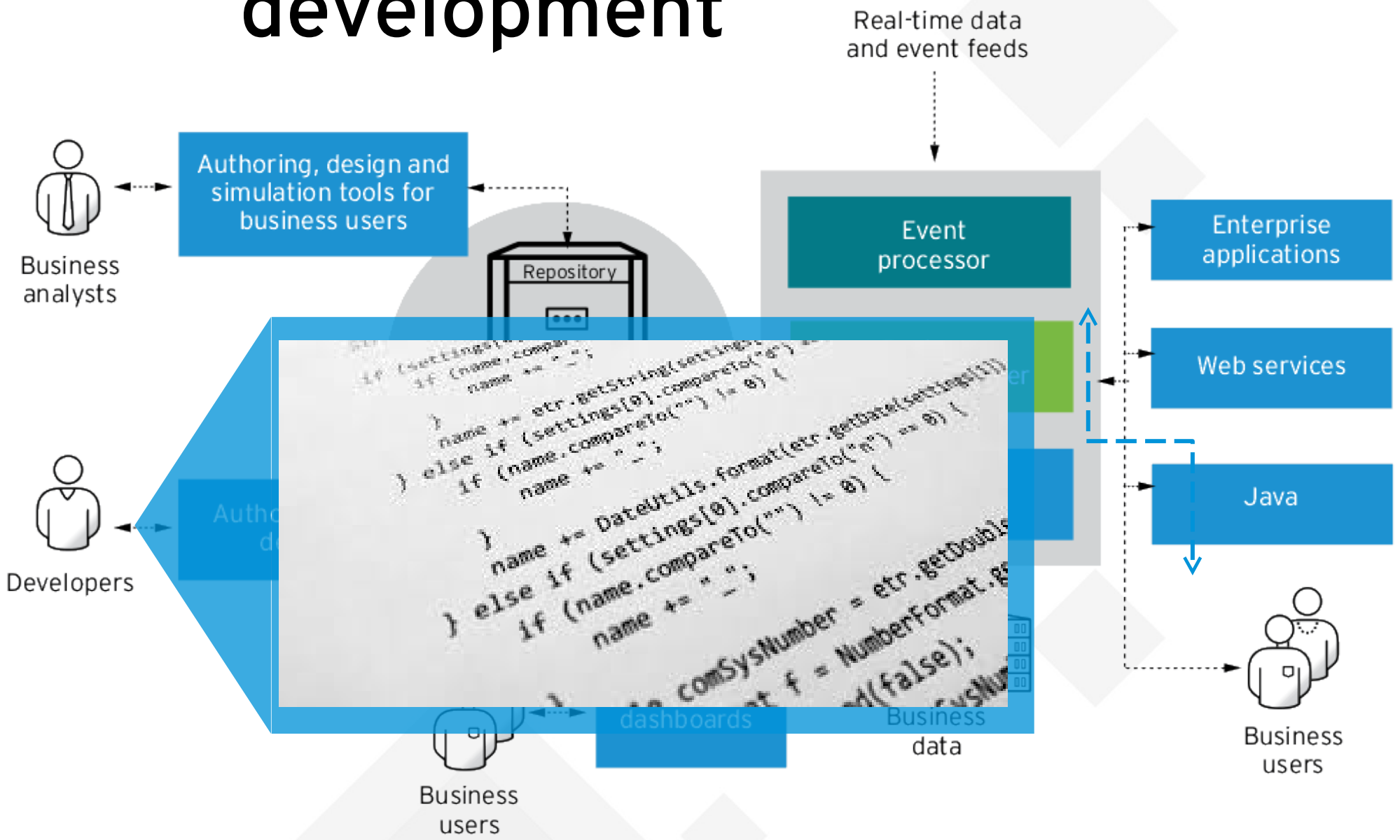
BPM SUITE



Web-services and Java development



Run time

Task Management

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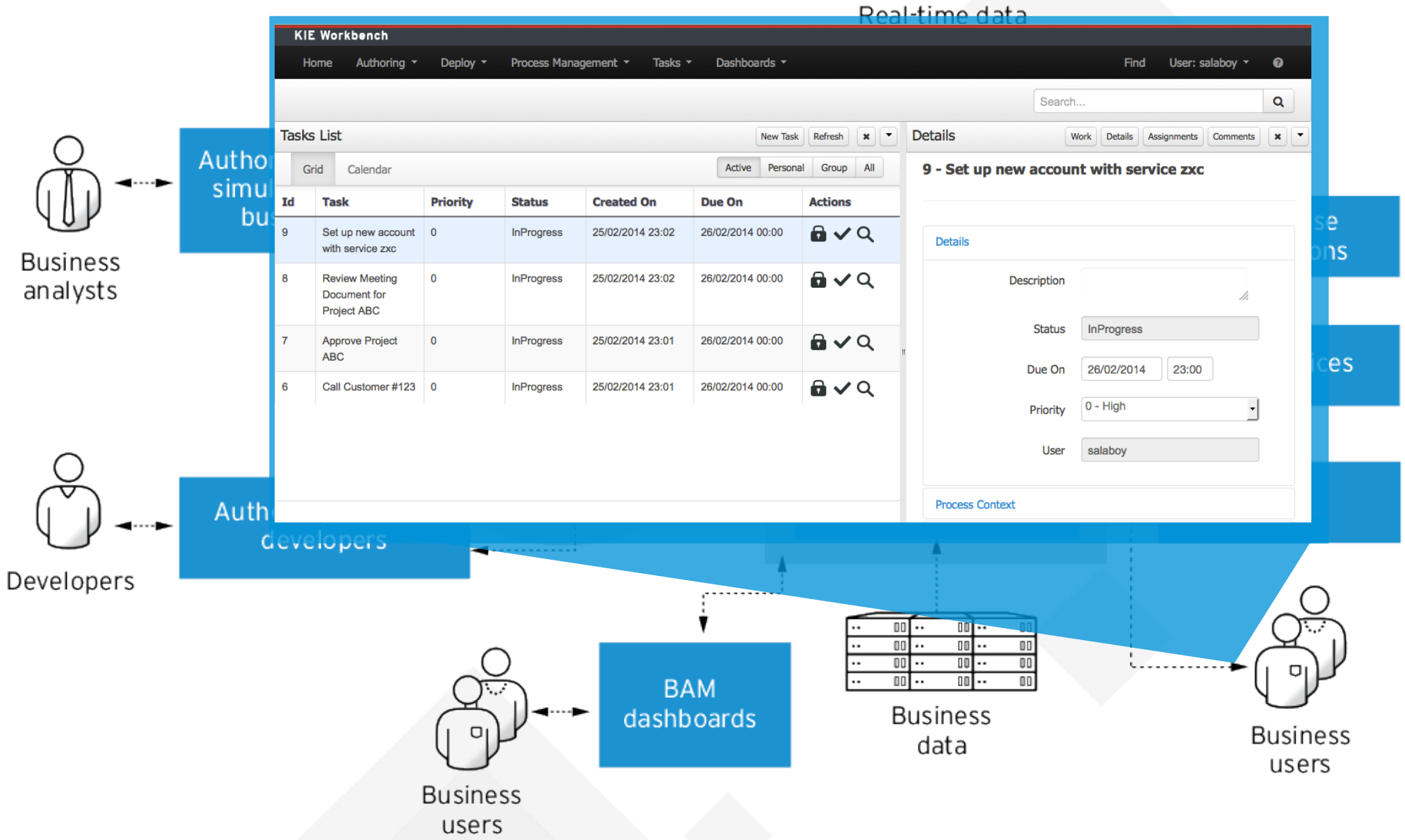
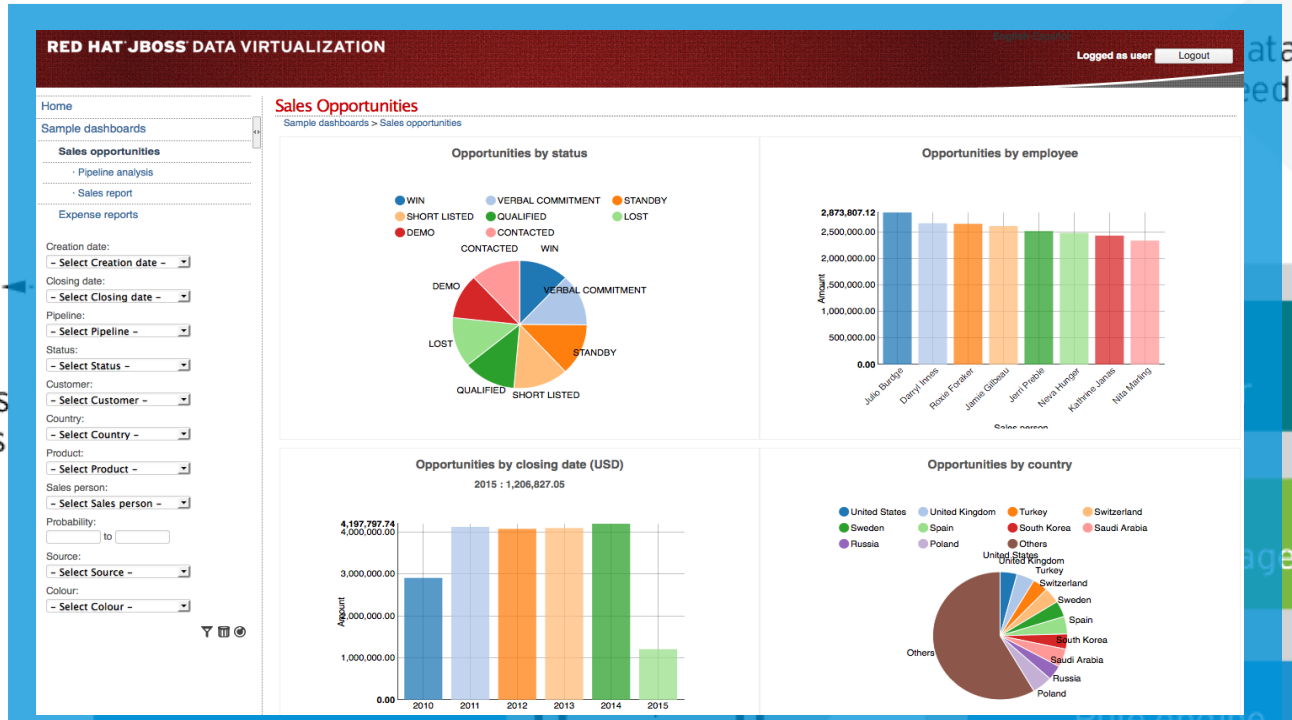
BPM SUITE



Monitoring

RED HAT® JBOSS®
BPM SUITE



Business analysts

Developers

Authoring tools for developers

Rule engine

Enterprise applications

Web services

Java

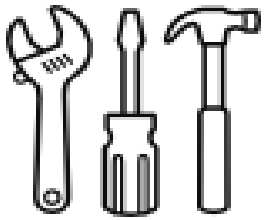
BAM dashboards

Business users

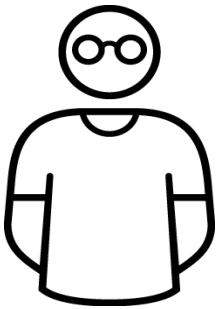
Business data

Business users

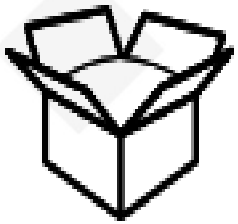
Red Hat JBoss BPM Suite - Why customers love it



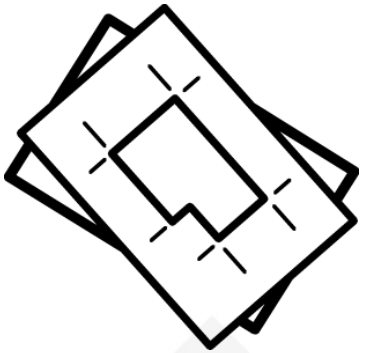
Rich tooling



Developer friendly



Flexible deployment



Standard-based

Cloud ready

JBoss BPM Suite: Success Stories

AMERICAN PRODUCT DISTRIBUTORS INCORPORATED

Healthesystems

RSA

NISSAN

Jordbruks verket

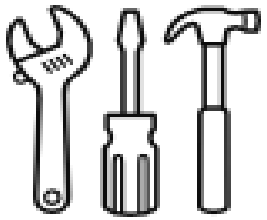
Swedish Board of Agriculture

OSDE

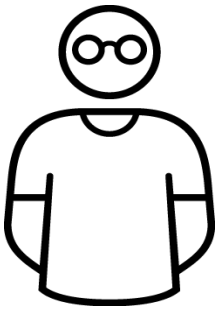
ORGANIZACIÓN DE SERVICIOS DIRECTOS EMPRESARIOS

DCS 三菱総研DCS株式会社 Mitsubishi Research Institute DCS Co.,Ltd.

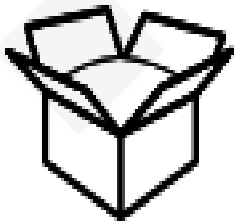
Red Hat JBoss BPM Suite - Why customers love it



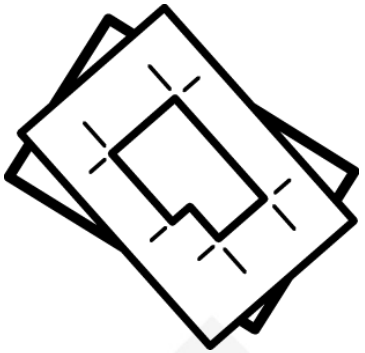
Rich tooling



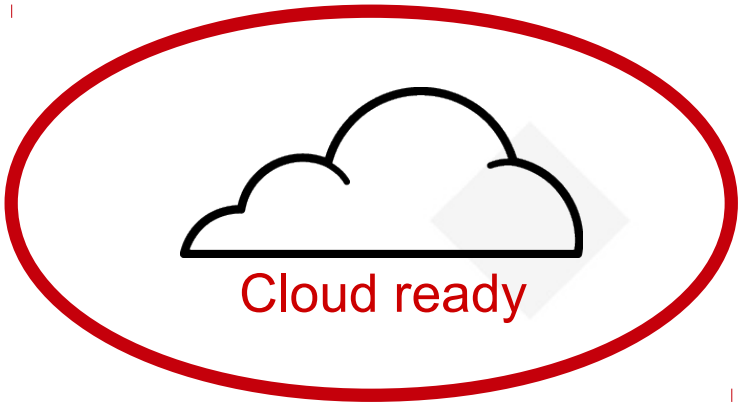
Developer friendly



Flexible deployment



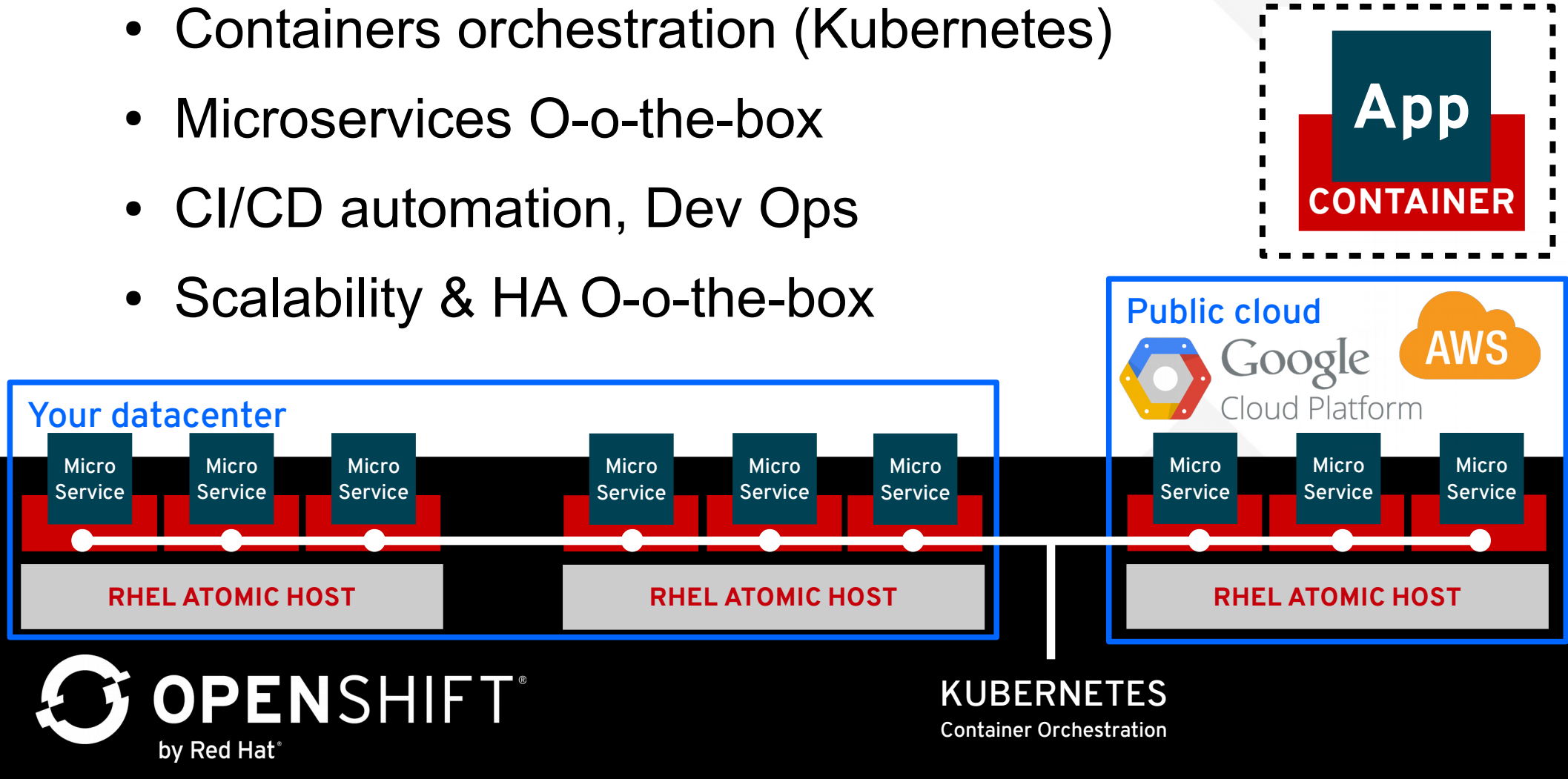
Standard-based



Why PaaS?

PaaS: Openshift Container Platfom

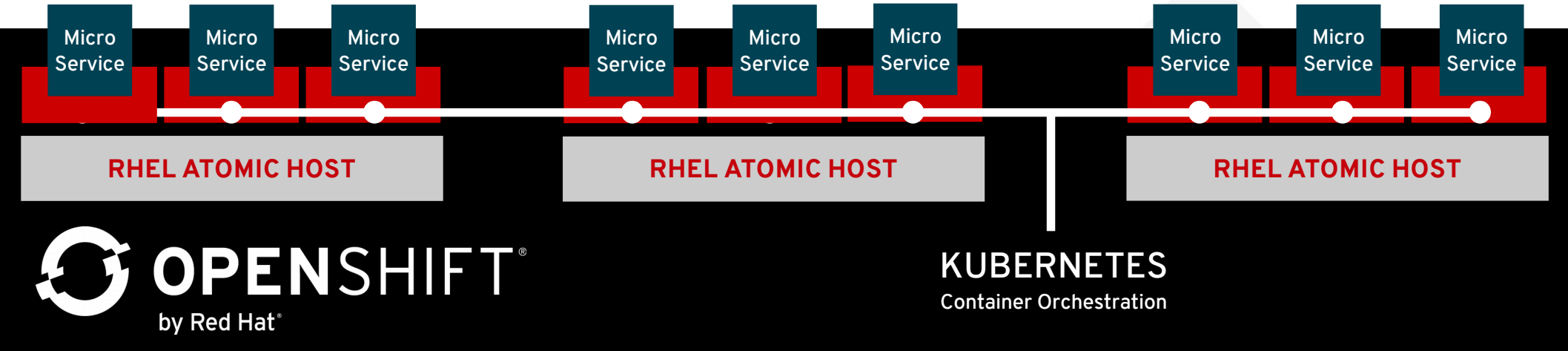
- Automates whole container lifecycle
- On Premise / In cloud / Both (aka. Hybrid)
- Containers orchestration (Kubernetes)
- Microservices O-o-the-box
- CI/CD automation, Dev Ops
- Scalability & HA O-o-the-box



Why BPM in PaaS?

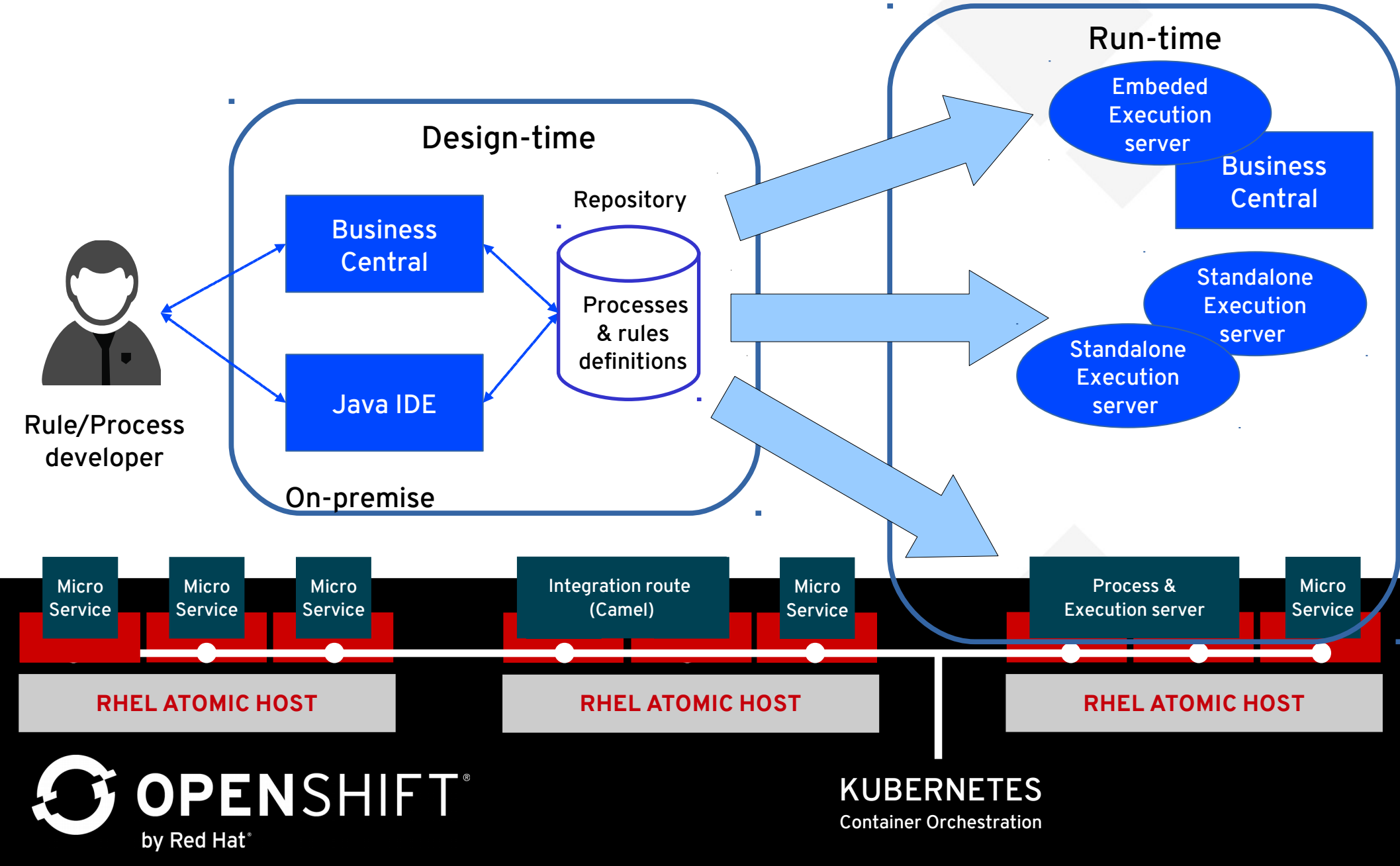
BPM in Openshift PaaS

- Process scalability
- Integration backends scalability/ HA
- Microservice = Ease of integration
- Process CI/CD automation
- Process isolation



And the deployment magic?

PaaS: Openshift Container Platform



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Not just for BPMS!

The Red Hat vision:

- ✓ Modular microservices
- ✓ Based on JBoss Middleware
- ✓ Running in OpenShift

RED HAT® JBOSS® FUSE

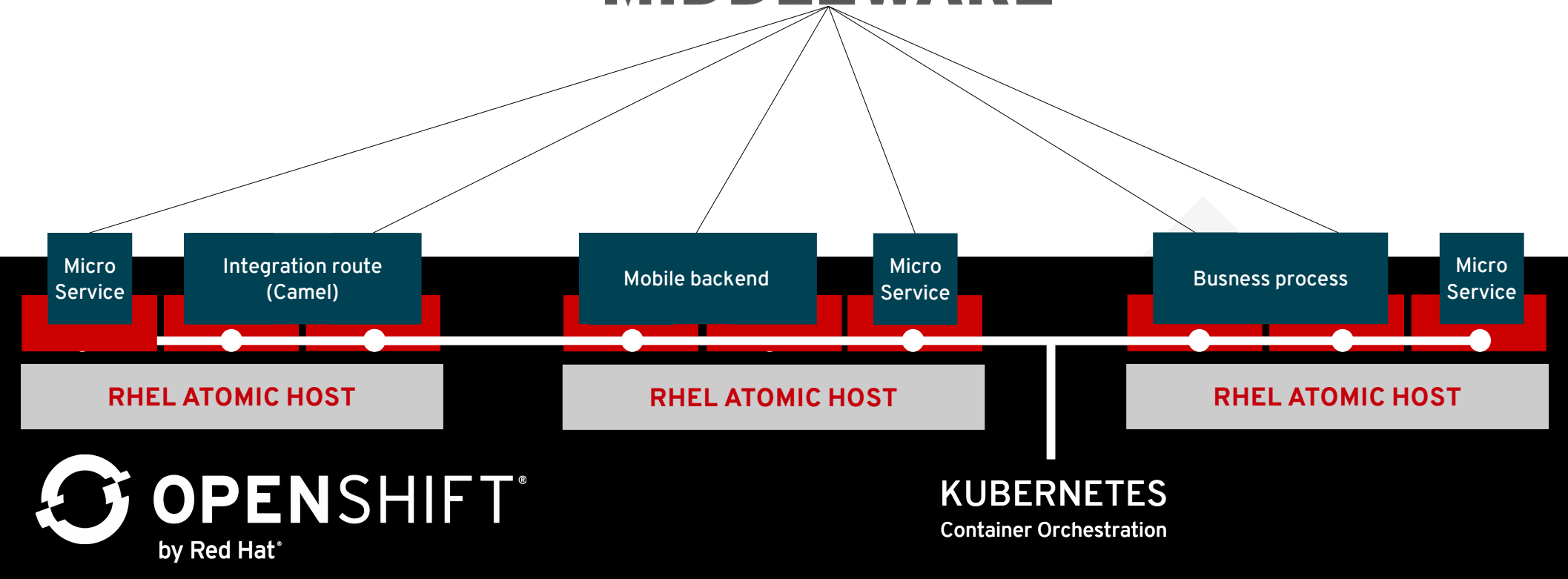
RED HAT® JBOSS® BPM SUITE

3scale by Red Hat®

RED HAT® JBOSS® ENTERPRISE APPLICATION PLATFORM

RED HAT® JBOSS® MIDDLEWARE

RED HAT® MOBILE APPLICATION PLATFORM



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