



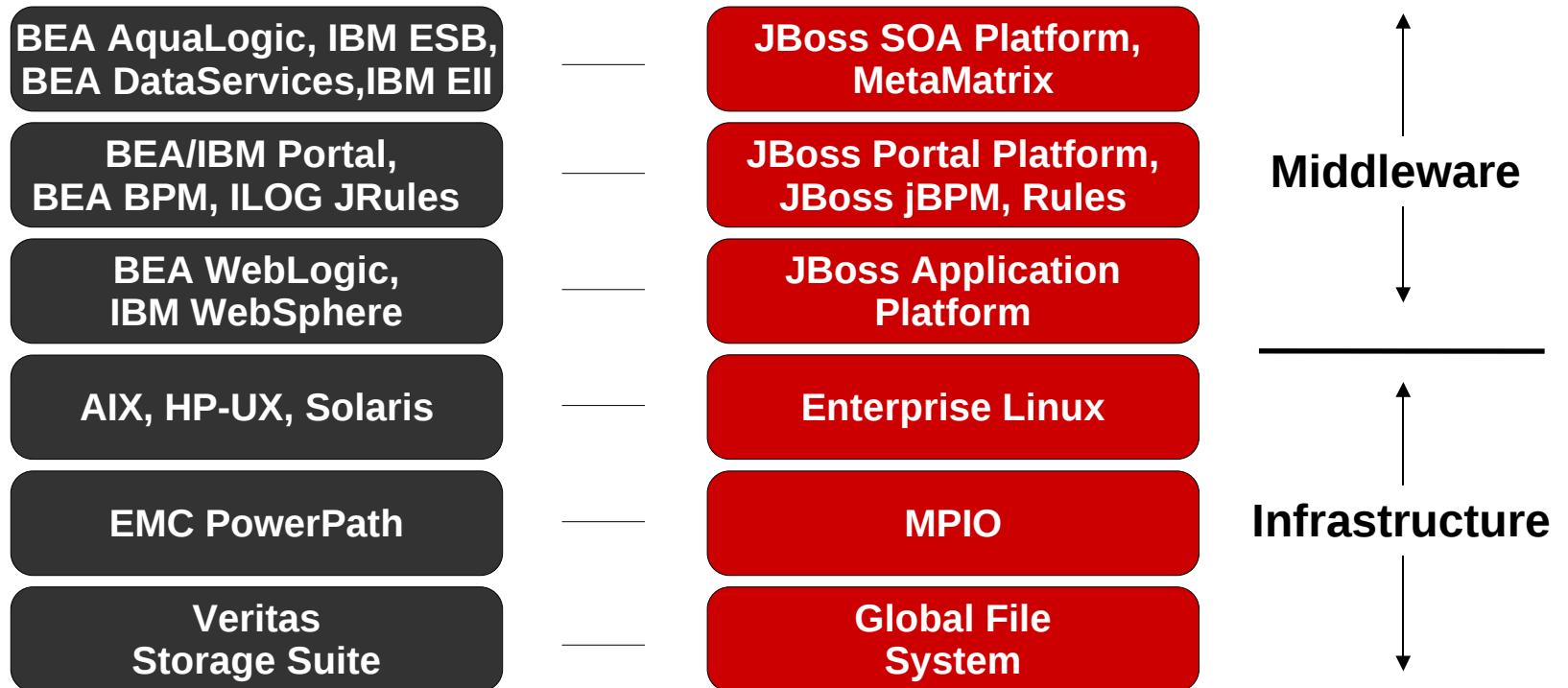
# **JBoss Enterprise Middleware**

**The foundation of your open source  
middleware reference architecture**



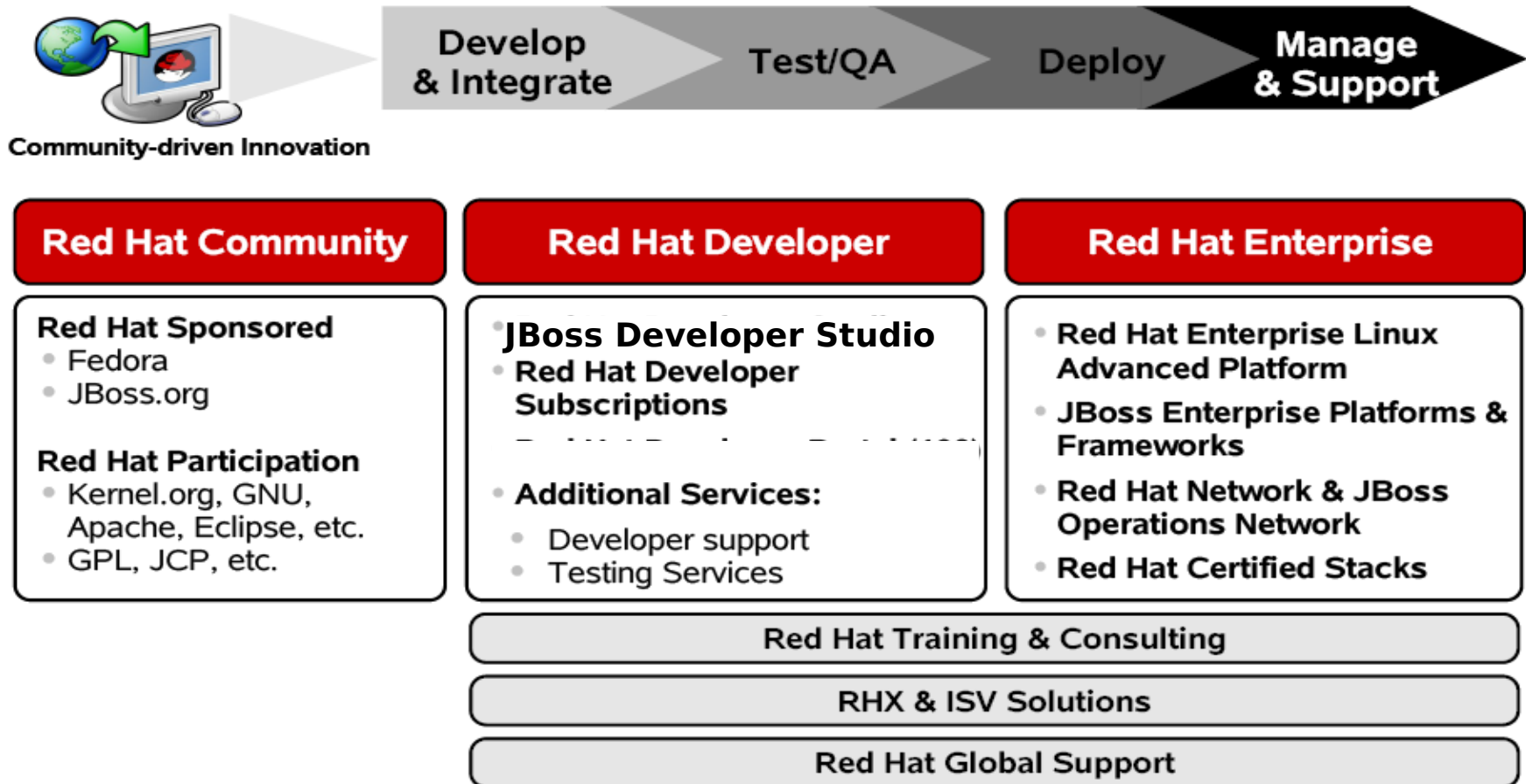
# Red Hat open source solution stack changes the economics of IT infrastructure

- Offers proprietary replacements across the software stack
- Lower TCO, higher value
- Increased customer leverage & choice
- Code transparency speeds development, time to solution



# Open Source Model

## Community and Enterprise



Red Hat provides enterprise ready open source software



# JBoss Enterprise Middleware

## **Develop (developer tools & frameworks)**

- *JBoss Developer Studio*: Full-featured development environment
- *JBoss jBPM*: Business process automation & workflow engine
- *JBoss Rules*: Business rules definition & management system
- *Hibernate*: Object-relational mapping & persistence
- *JBoss Seam*: Web 2.0 application framework

## **Deploy and Integrate (enterprise runtime platforms)**

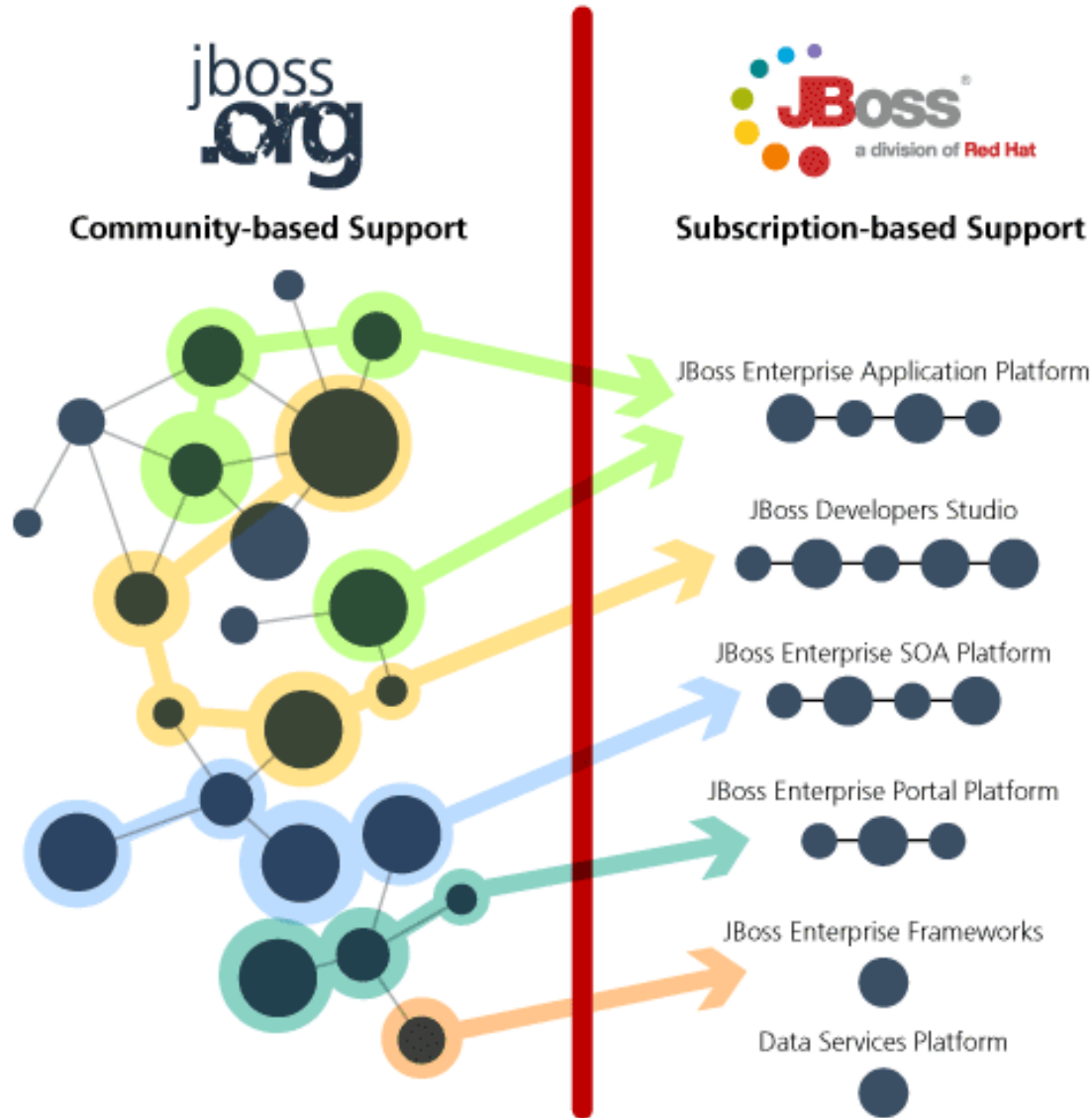
- *JBoss Application Platform*: Java EE application & service platform
- *JBoss Portal Platform*: Personalized user interaction platform
- *MetaMatrix*: Metadata-driven data services/federation platform
- *JBoss SOA Platform*: Application & service integration platform
- *JBoss Communications Platform*: Voice, video and data Telco platform

## **Manage (operational tools)**

- *JBoss Operations Network*: JBoss administration/monitoring

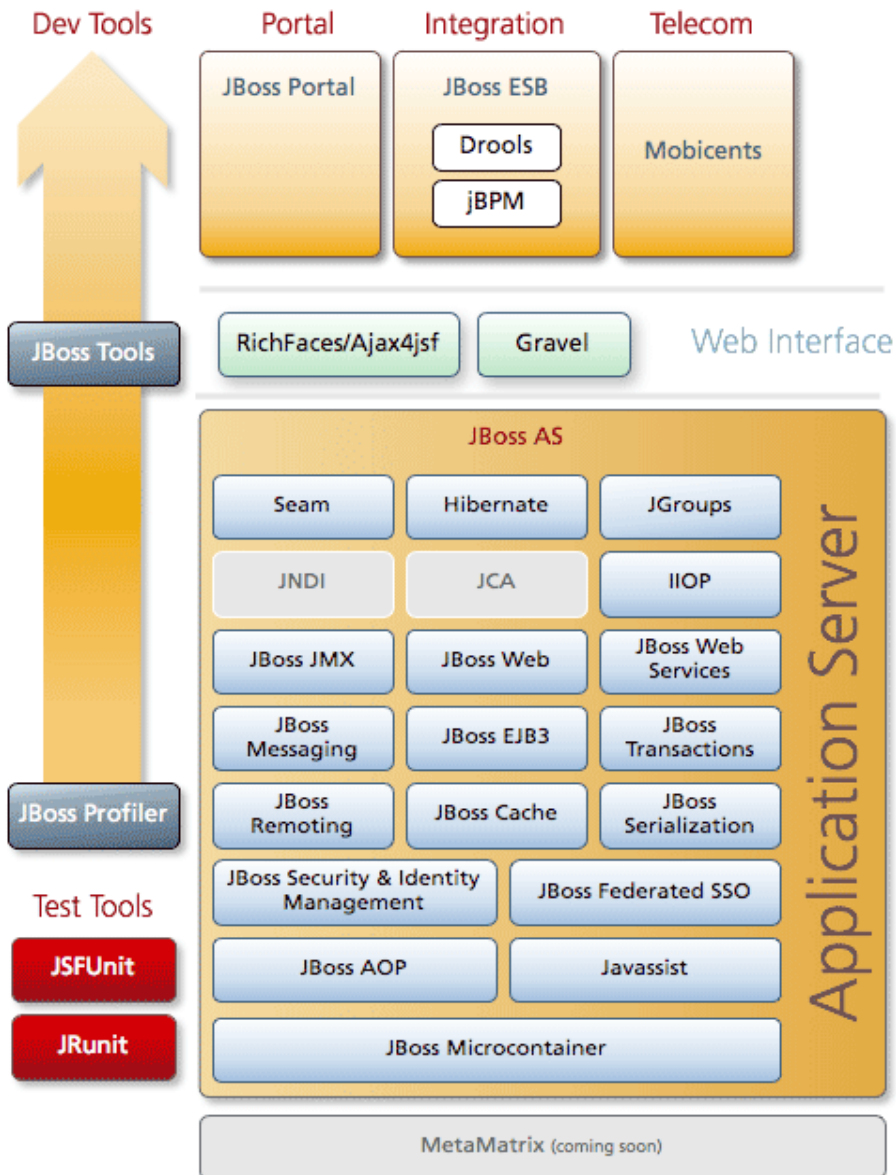
## JBoss.org Community

## JBoss Enterprise Middleware



When does it make sense to use one or the other?

# JBoss.org Community Projects

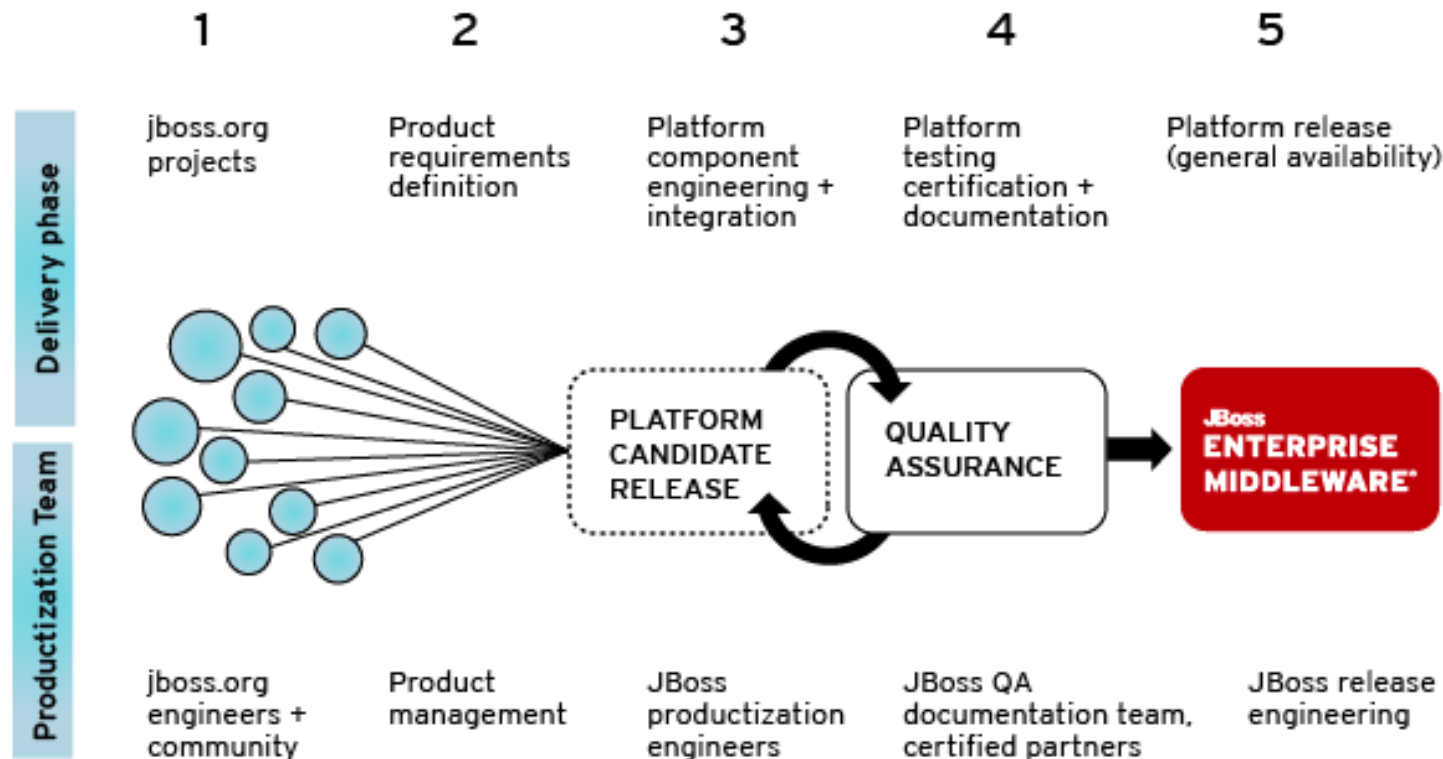


- Focus on “release early, release often”
- 35+ projects with different release schedules, versions, dependencies, etc.
- 100,000+ registered developers
- Community support with forums, project developers, wiki, issue trackers, etc.

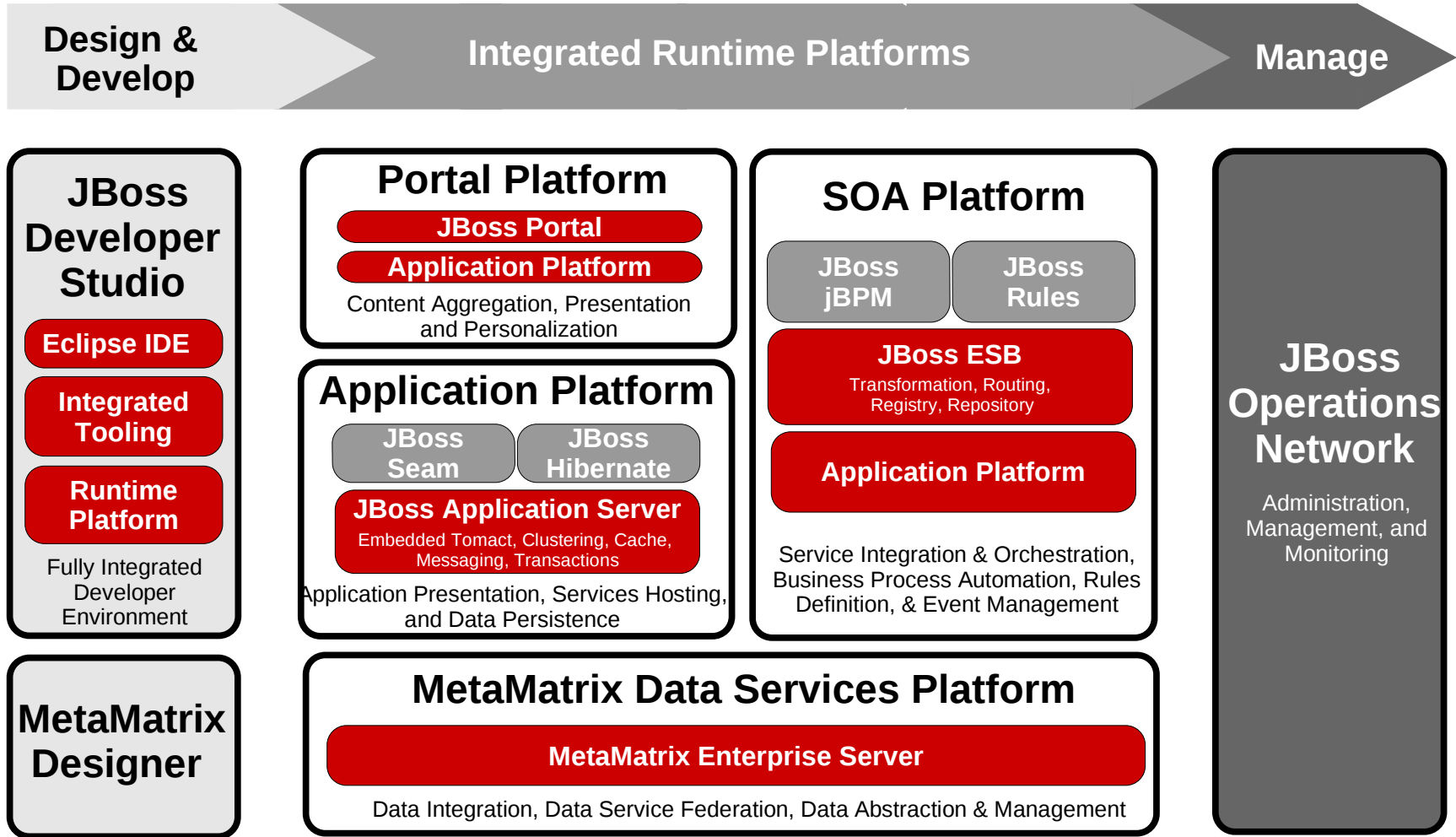
# JBoss Enterprise Middleware

## What makes up a certified platform?

Each JBoss Enterprise Middleware platform goes through a 5 phase delivery methodology that involves many traditional elements of the software development lifecycle:



# JBoss Enterprise Middleware



**Enterprise Platforms**

Integrated distribution with a single patch & update cycle

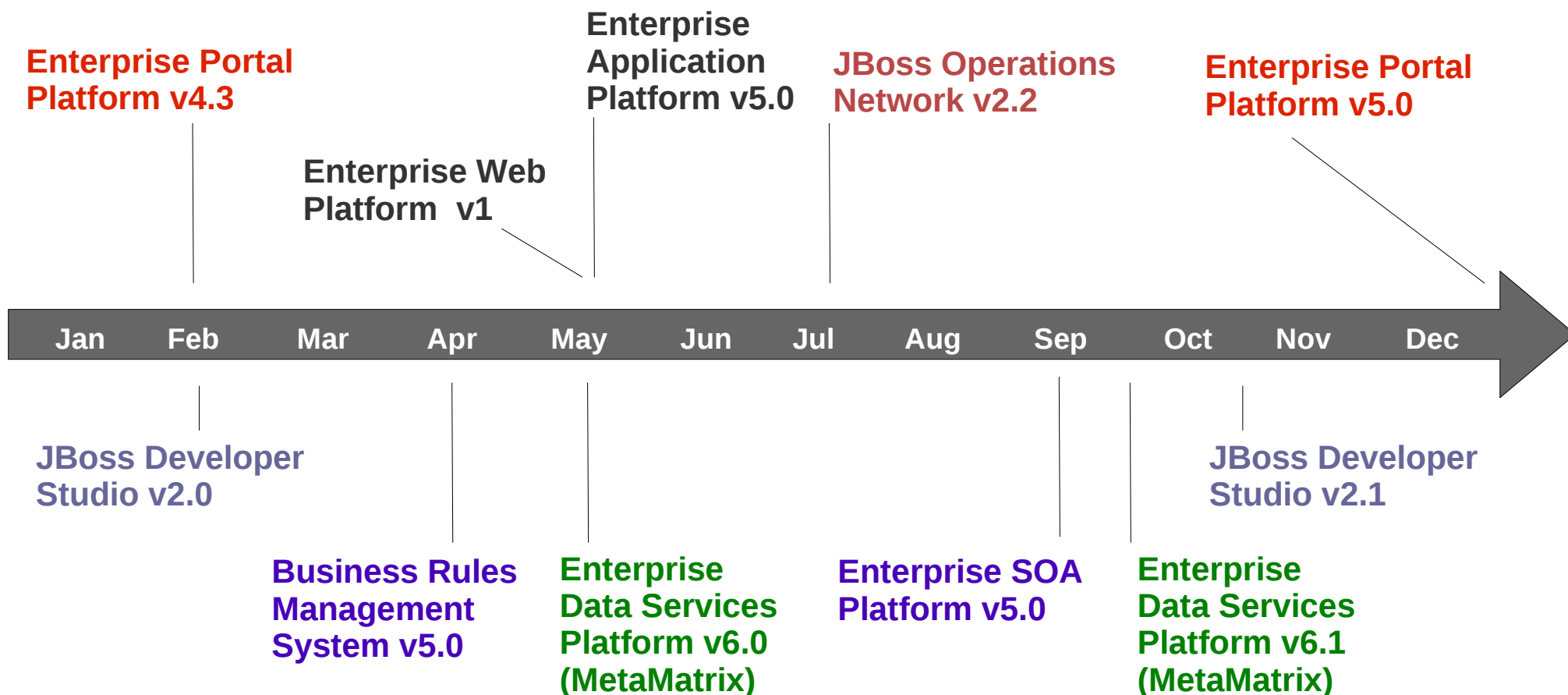
**Enterprise Frameworks**

Modular productivity tools that also work on other vendors application servers

**Component**

major component or set of integrated components

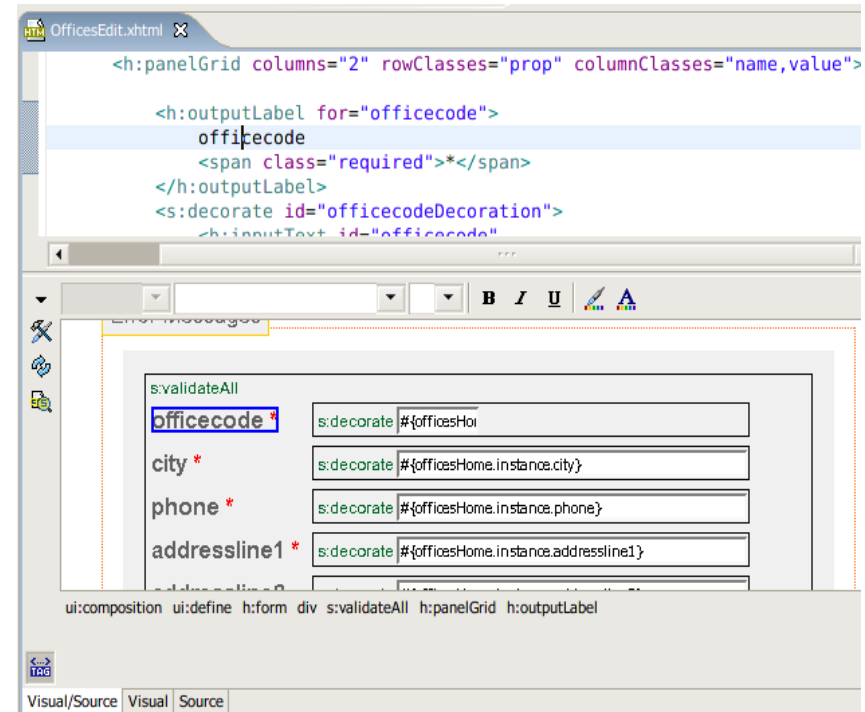
# JBoss Enterprise Middleware Roadmap 2009



# JBoss Developer Studio

**Provides a unified, simple, and powerful programming environment for rich Web 2.0 applications**

- Innovative tooling support for AJAX, JBoss Seam, JavaServer Faces, and rich enterprise applications
  - Graphical design and editing of business processes and rules
  - Robust Java EE tools and debugging
- **Runs on Windows & comes with RHEL for added virtualization benefits**
  - **Integrated platform and tools ensures consistency throughout the development lifecycle**
  - **Annual subscriptions start at \$99**



Visual/Source JSF Editor

A comprehensive, open source development environment that integrates Red Hat/JBoss platforms with rich, Eclipse-based tools



# JBoss Enterprise Portal Platform

**Includes everything you need to host and serve a portal's Web interface, publish and manage its content, and customize its experience.**

- Single distribution that integrates JBoss Portal, JBoss Application Server (including Tomcat, Cache, Messaging), Hibernate, and Clustering
- Multi-platform (e.g. RHEL, SUSE, Windows, Solaris); platform Portability
- Any hardware, any OS with compliant JVM

## **Certified Platform for Portal-based Applications**

### ■ **Simple, Flexible, & Scalable**

- Light footprint, simple installation
- Scalable clustering to support high transaction volumes

**JBoss Enterprise  
Portal Platform**

**JBoss Portal**

**JBoss Enterprise  
Application Platform**

**Red Hat Enterprise Linux  
Windows, Unix, Other Linux**

# JBoss Enterprise Portal Platform

## Current Release

- Enterprise Portal Platform 4.3 (Feb 2009)
  - Support for Portlet 2.0 specification - certified Portlet 2.0 container
  - Page parameters
  - Portlet 2.0 coordination configuration – e.g., event wiring and render parameter sharing
  - Support new application types within a portlet (JSF, Seam and Rich Faces)
  - Improvements to the Content Management System
  - Clustering and performance improvements
  - Japanese language support

# JBoss Enterprise Portal Platform

## Roadmap

- Enterprise Portal Platform 5.0 (Q1 2010)
  - Ajax based user interface
  - Modular presentation framework for multiple UI support
  - Significant improvements in end user customization
  - New Page Management and Deployment Capabilities
  - More granular security and identity model and APIs
  - Enhanced content management system and web content integrator
  - Federated Single Sign On Capabilities
  - Additional 3rd party certifications
  - Enhanced Portlet Swap site

# Next Steps

## Creating New Applications?

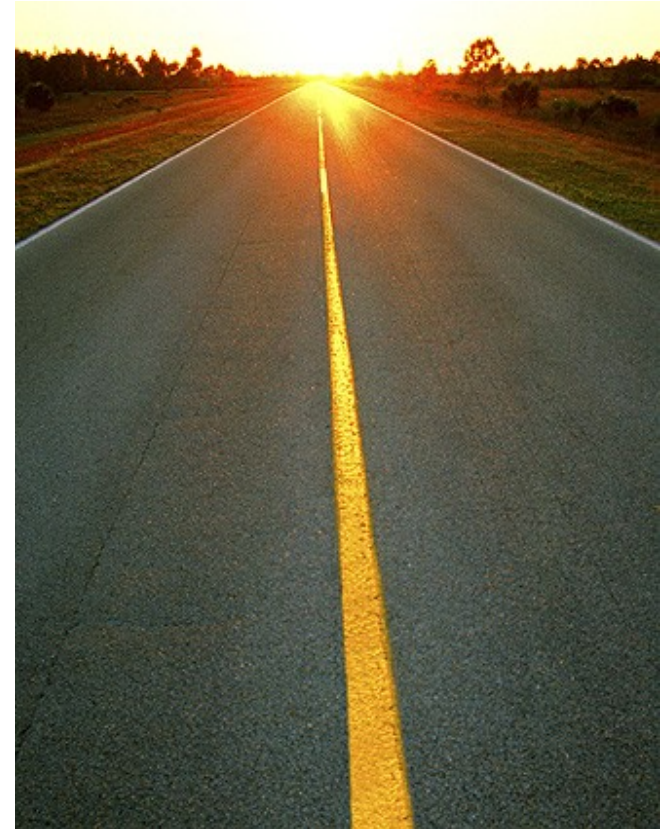
- JBoss Enterprise Platforms & Frameworks  
<http://www.jboss.com/products>
- Red Hat Developer Subscriptions  
<http://www.redhat.com/developers/subscriptions.html>
- Using JBoss Technologies & Want Subscription  
<https://www.redhat.com/apps/store/jboss/>

## Migrating Existing Applications?

- Migration Services  
<http://www.jboss.com/services/migration>

## General Questions?

<http://www.redhat.com/contact>





**Questions?**

**[www.redhat.com](http://www.redhat.com)**