



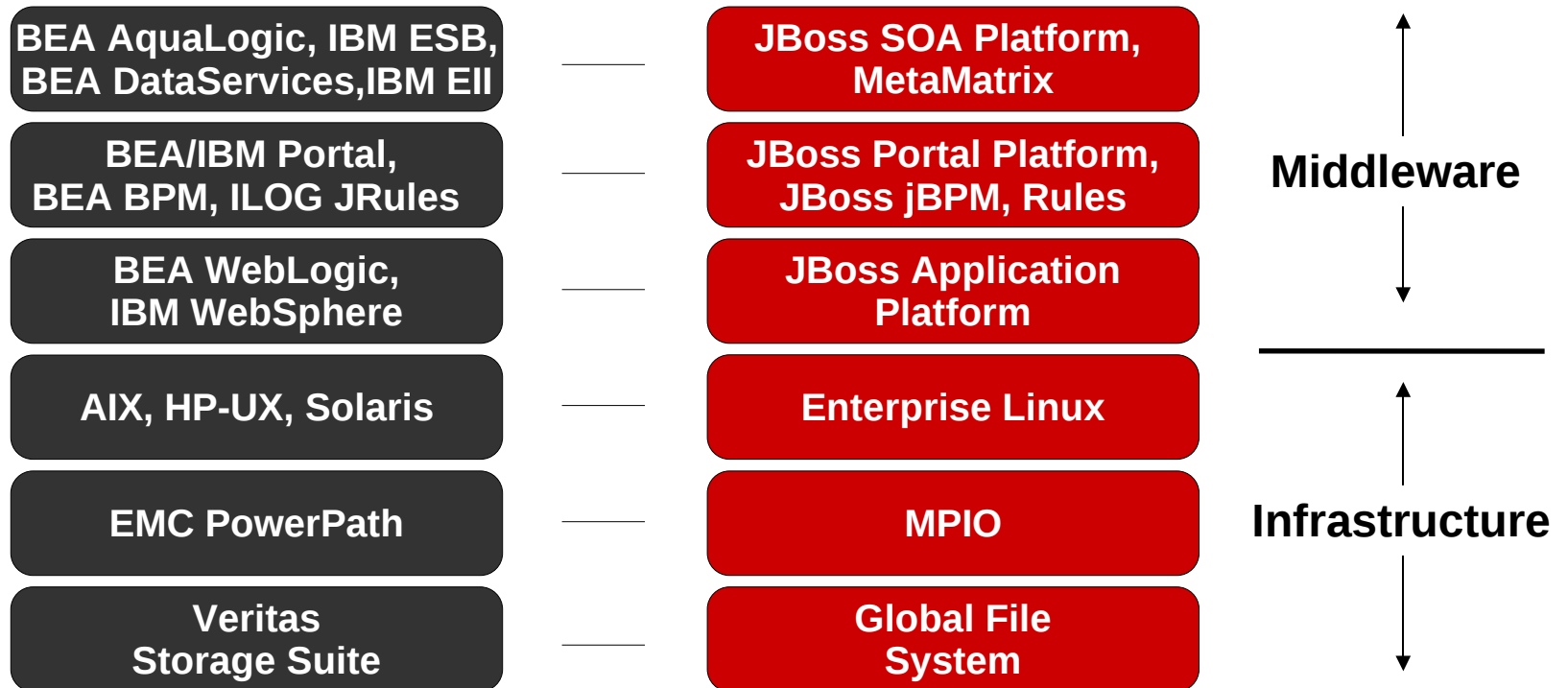
JBoss Enterprise Middleware

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



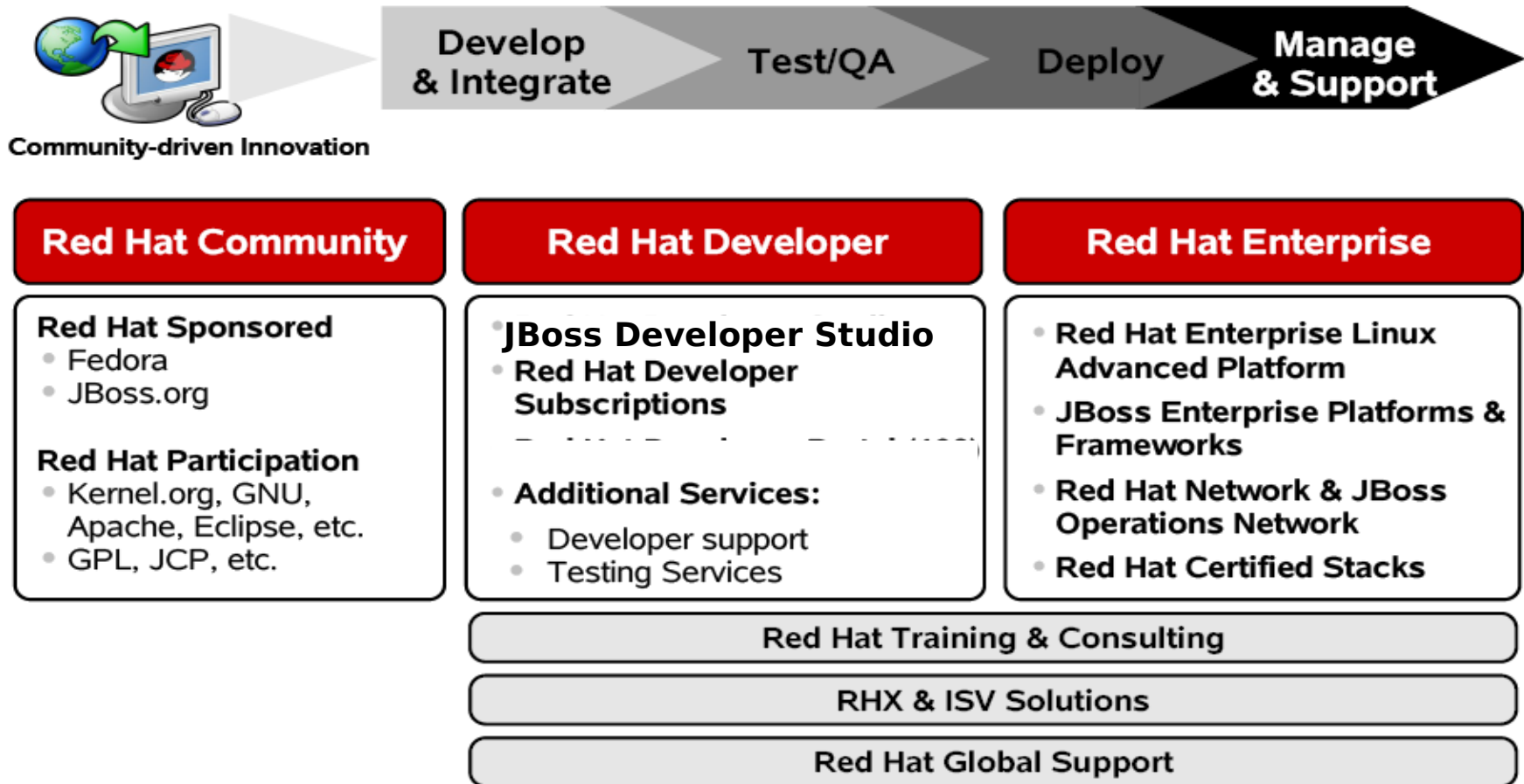
Red Hat open source solution stack changes the economics of IT infrastructure

- 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)

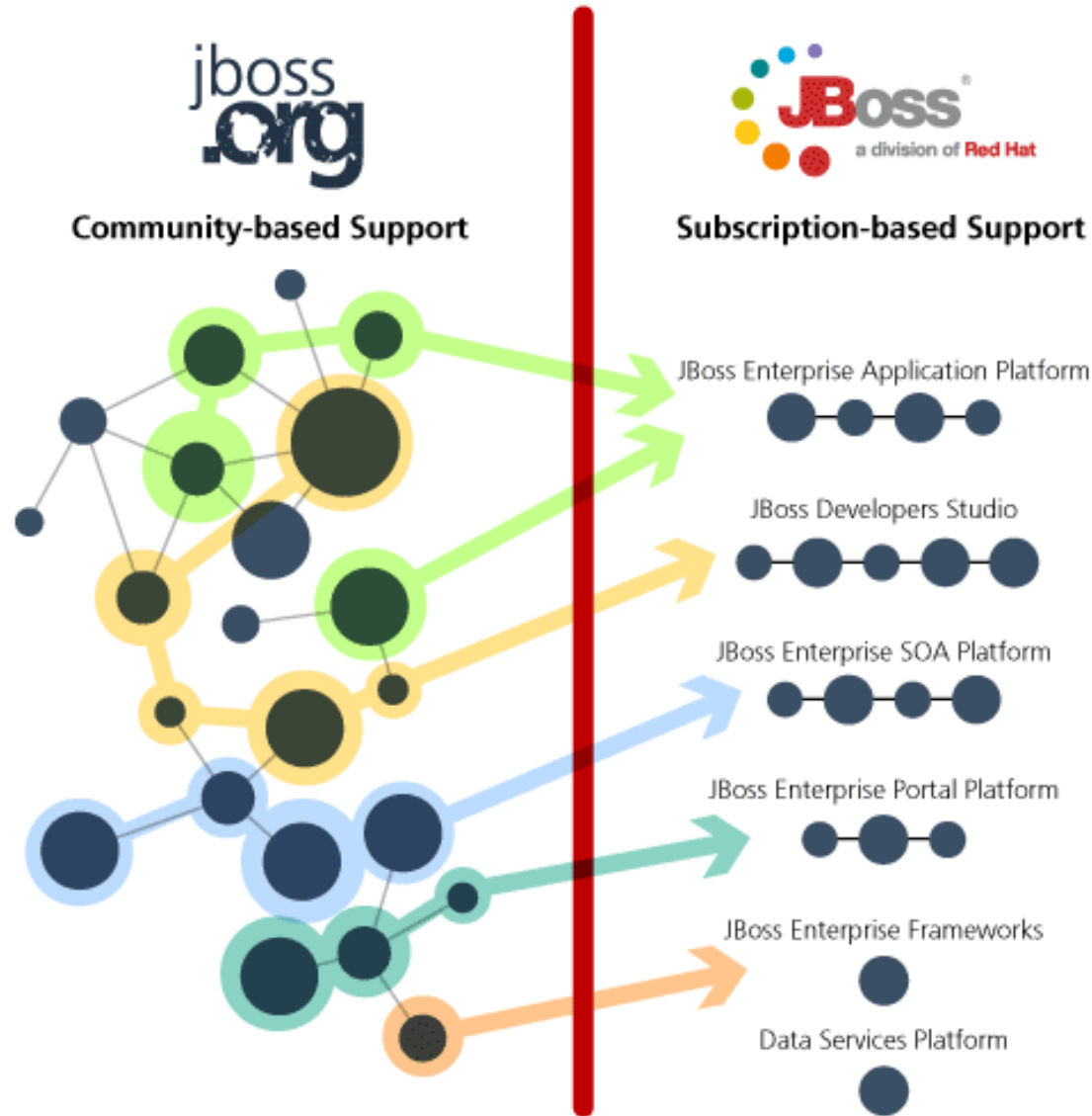
- *JBoss Application Platform*: Java EE application & service platform
- *JBoss Portal Platform*: Personalized user interaction platform
- *MetaMatrix*: Metadata-driven data services/federation platform
- *JBoss SOA Platform*: Application & service integration platform
- *JBoss Communications Platform*: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

Manage (operational tools)

- *JBoss Operations Network*: JBoss administration/monitoring

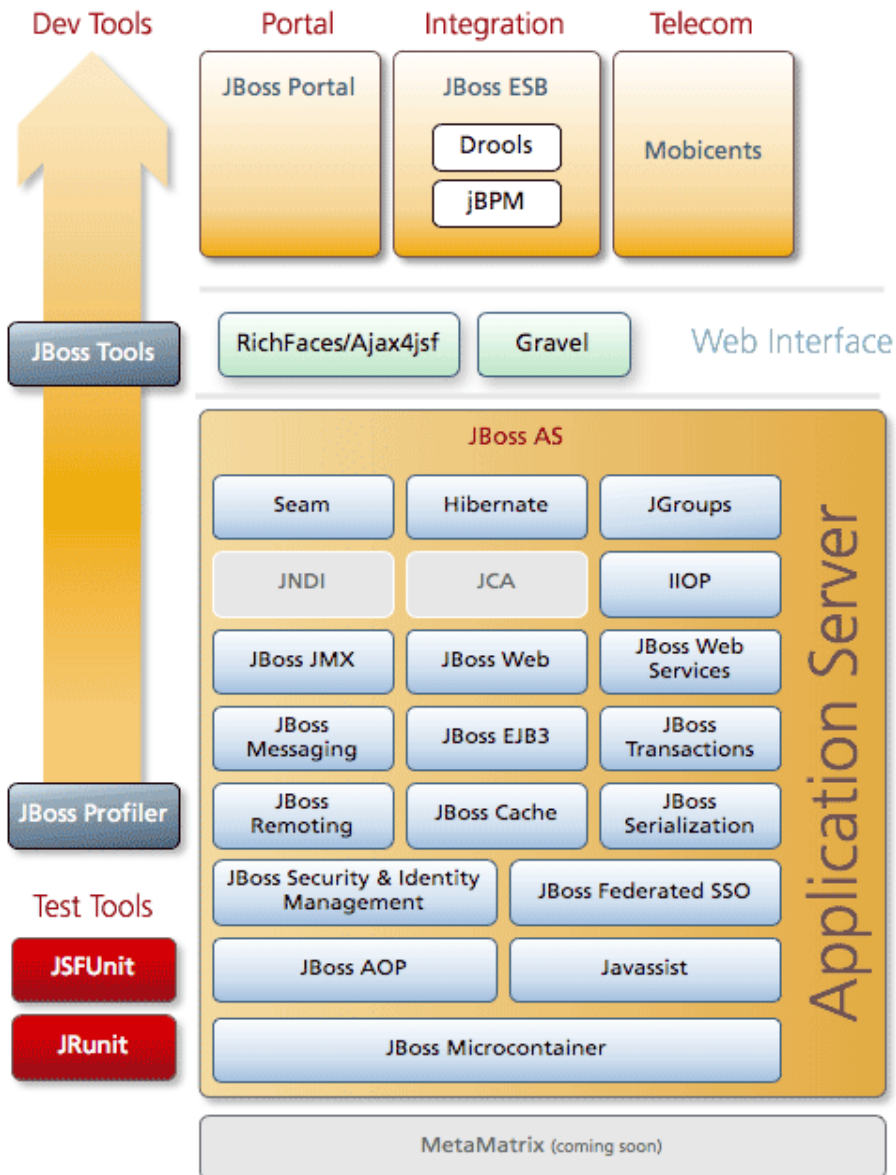
JBoss.org Community

JBoss Enterprise Middleware



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

JBoss.org Community Projects

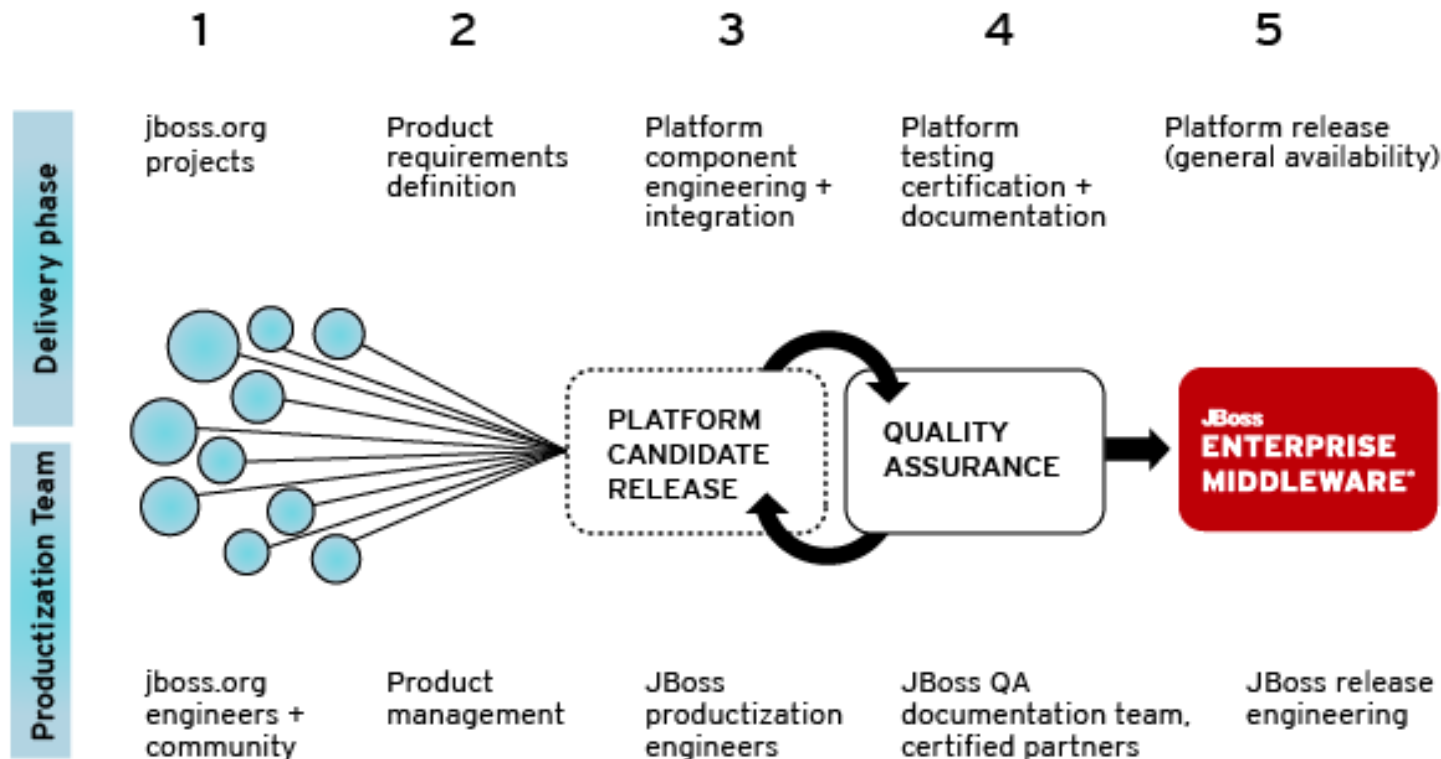


- Focus on “release early, release often”
- 35+ projects with different release schedules, versions, dependencies, etc.
- 100,000+ registered developers
- Community support with forums, project developers, wiki, issue trackers, etc.

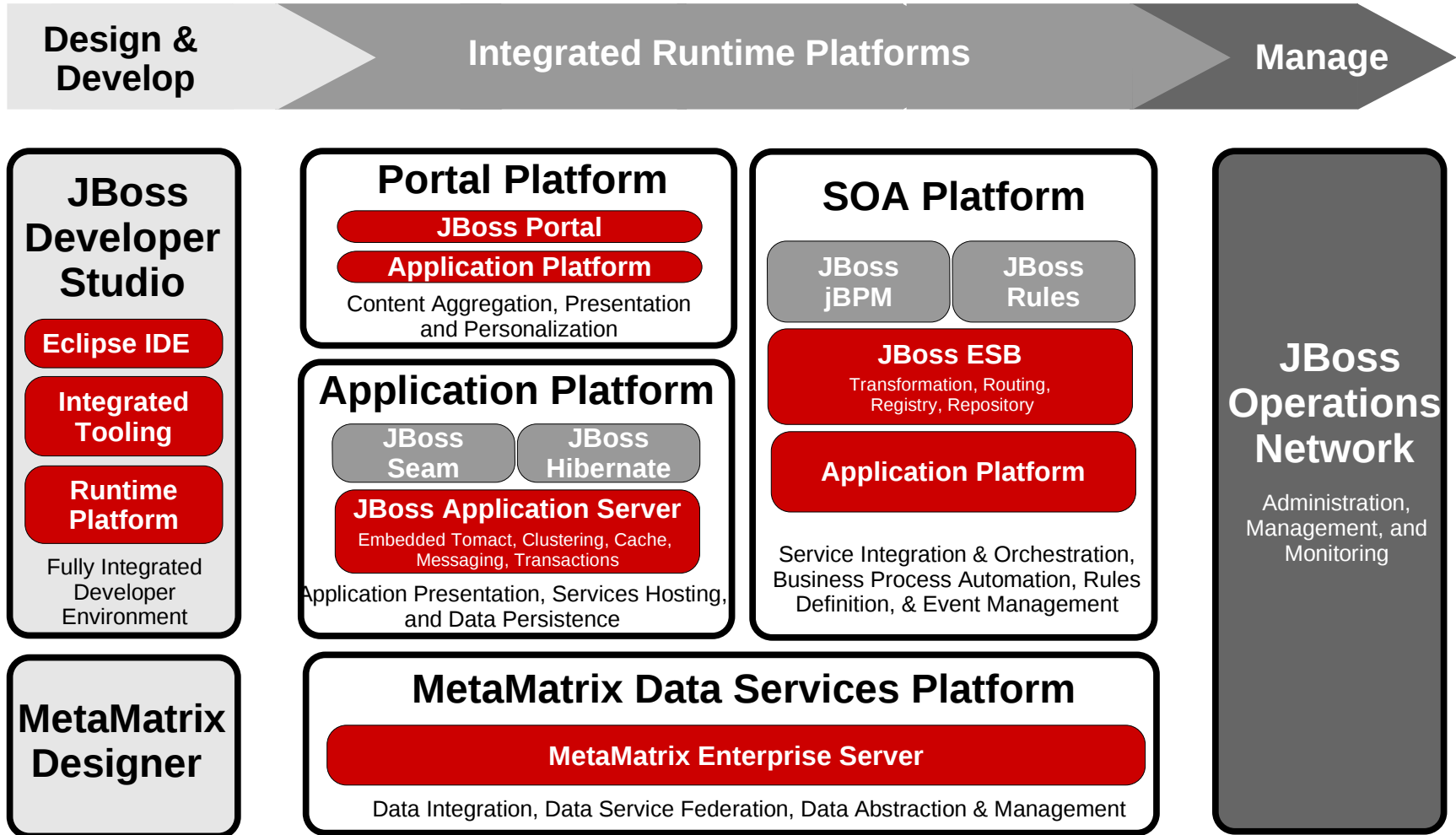
JBoss Enterprise Middleware

What makes up a certified platform?

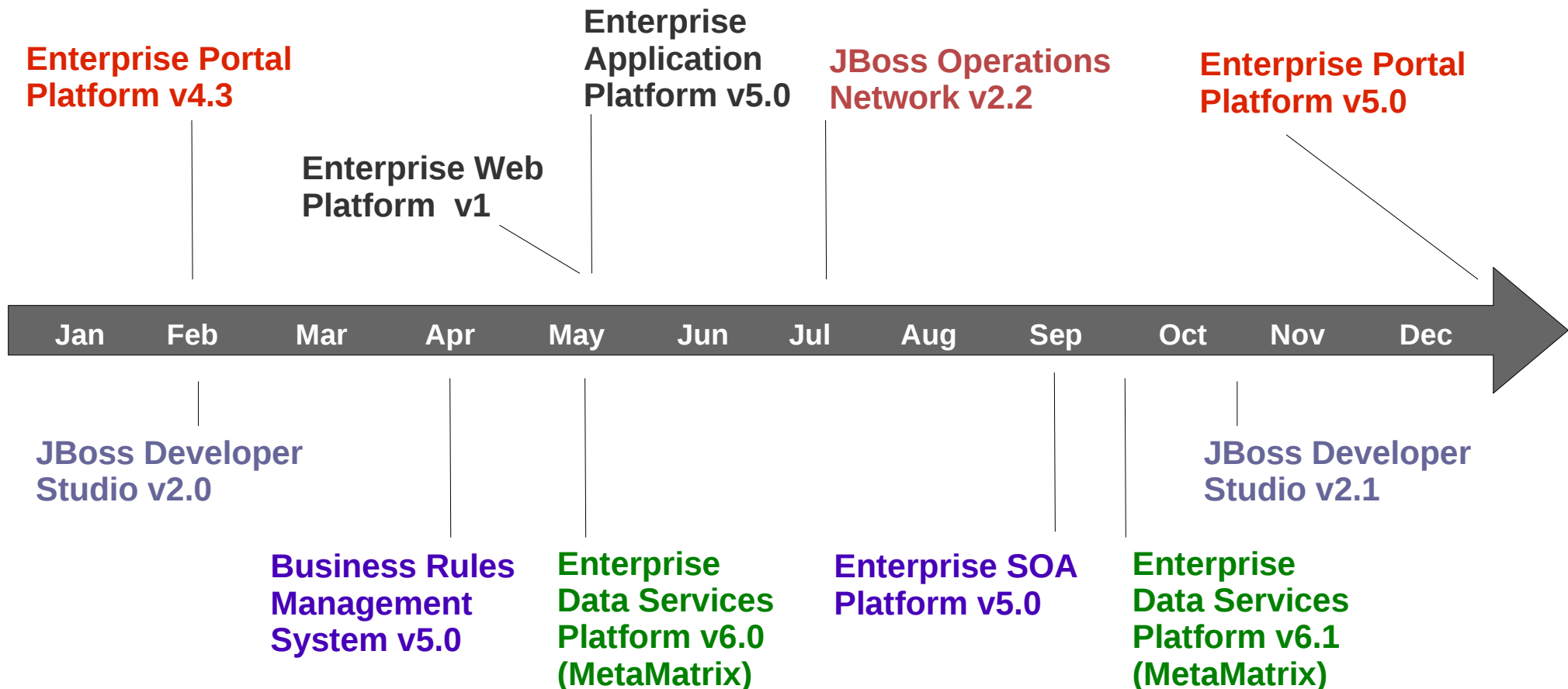
Each JBoss Enterprise Middleware platform goes through a 5 phase delivery methodology that involves many traditional elements of the software development lifecycle:



JBoss Enterprise Middleware



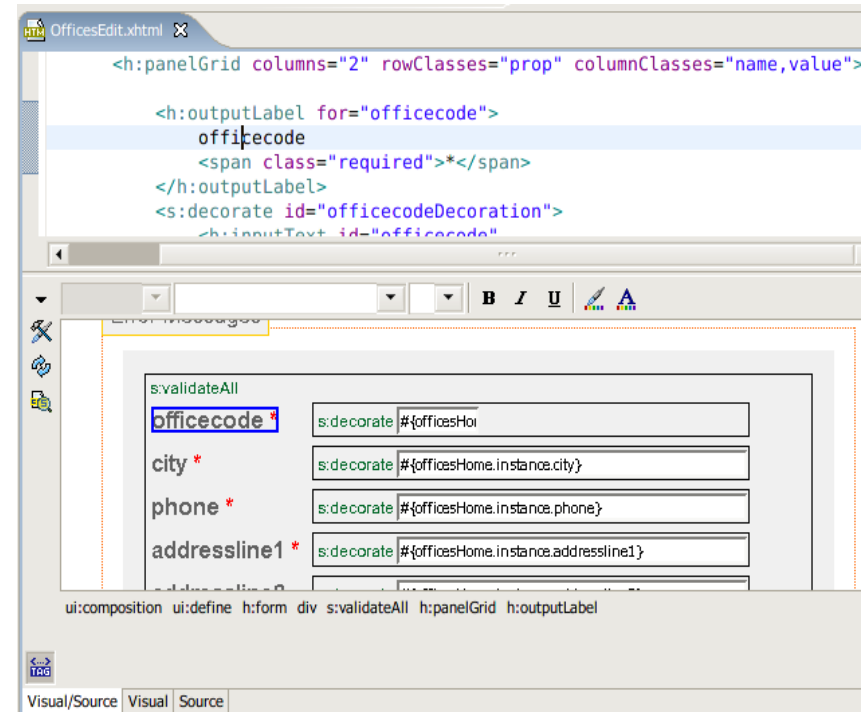
JBoss Enterprise Middleware Roadmap 2009



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?

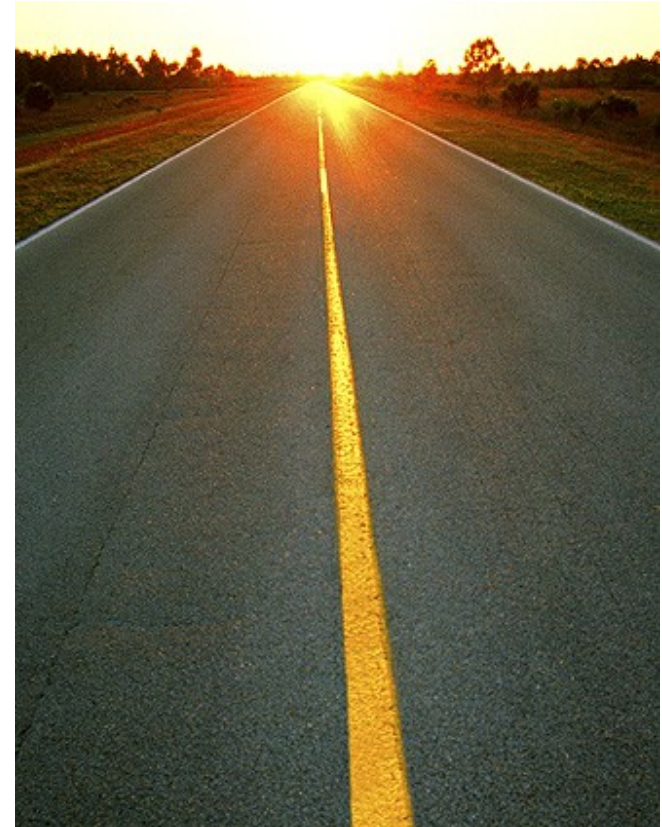
- JBoss Enterprise Platforms & Frameworks
<http://www.jboss.com/products>
- Red Hat Developer Subscriptions
<http://www.redhat.com/developers/subscriptions.html>
- Using JBoss Technologies & Want Subscription
<https://www.redhat.com/apps/store/jboss/>

Migrating Existing Applications?

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

General Questions?

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





Questions?

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