

# RED HAT JBOSS DEVELOPER STUDIO

DATASHEET

## BENEFITS

- Provides a pre-assembled development environment, including both tooling and runtime components
- Enables development of applications for deployment on-premise or in the cloud through its seamless integration with both OpenShift Enterprise by Red Hat and OpenShift Online by Red Hat
- Certified updates so you don't have to worry about updating parts that may not work with the rest of the environment
- Tested and certified to ensure that all components, such as Hibernate, RichFaces, Portal, jBPM, and Drools, work well together
- Assurance that all JBoss Developer Studio plugins, runtime components, and their dependencies are compatible with each other

## EVERYTHING YOU NEED TO DEVELOP, TEST, AND DEPLOY RICH WEB, MOBILE WEB, AND ENTERPRISE APPLICATIONS AND SOA SERVICES.

Red Hat® JBoss® Developer Studio provides superior support for your entire development life cycle in a single tool. It is a certified Eclipse-based integrated development environment (IDE) for developing, testing, and deploying rich web applications, mobile web applications, transactional enterprise applications, and SOA-based integration applications and services.

JBoss Developer Studio includes a broad set of tooling capabilities and support for multiple programming models and frameworks, including Java™ Enterprise Edition 6, RichFaces, JavaServer Faces (JSF), Enterprise JavaBeans (EJB), Java Persistence API (JPA), and Hibernate®, JAX-RS with RESTEasy, Contexts Dependency Injection (CDI), HTML5, and many other popular technologies. It is fully tested and certified to ensure that all its plug-ins, runtime components, and their dependencies are compatible with each other.

JBoss Developer Studio provides developer choice in supporting multiple Java virtual machines (JVMs), productivity with Maven, and testing with Arquillian. It also includes all needed dependencies and third-party plugins. These pre-configured tools save time and offer significant value, improving productivity and reducing deployment times.

Developers can have confidence that their development environment is stable, upgradeable, deployable, and supportable.



Red Hat JBoss Developer Studio



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## TOOLS INCLUDED IN JBOSS DEVELOPER STUDIO:

**Business process modeling.**  
A graphical business process designer tool aids in creation of workflows and offers the ability to integrate processes with human task management.

**Business rules management.**  
Includes support for JBoss Drools, the most widely-used BRMS on the market. Graphical tools help create and edit business rules, rule resources, and decision tables, which can easily be used in business process workflows.

**SOA.** A rich set of tools to develop and deploy SOA-based integration applications provides the ability to create, configure, and deploy enterprise service bus (ESB) components.

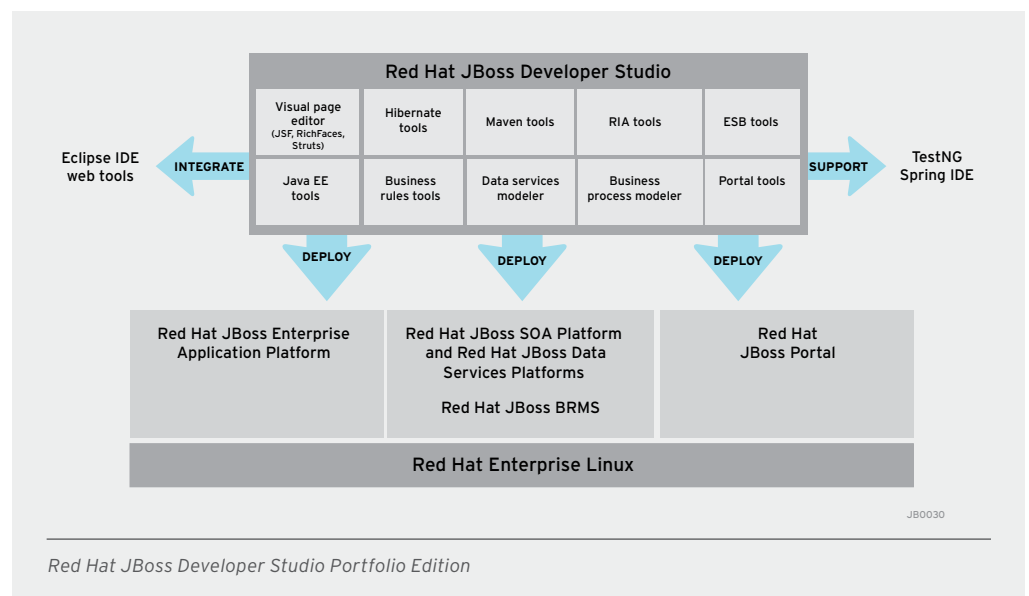
**Portal.** Create and deploy portlets that are compatible with JSR 186/286, and deploy the same on Red Hat JBoss Portal.

**Spring.** JBoss Developer Studio includes the Spring IDE for developing Spring applications.

## FEATURES OF RED HAT JBOSS DEVELOPER STUDIO

- **Fully integrated JBoss development environment.** Unlike standalone IDEs, tooling and runtime components are integrated and certified by combining Eclipse, JBoss Tools, and Red Hat JBoss Middleware platforms<sup>1</sup>.
- **Based on Eclipse.** The latest Eclipse and Web Tools Project (WTP) releases provide powerful tools for Java EE and web development.
- **Visual Page Editor.** Visual Page Editor combines visual and source editing of web pages, including rendering AJAX-enabled JSF with RichFaces pages as well as JavaServer Pages (JSP), HTML, and XHTML pages.
- **BrowserSim mobile simulator.** Easily test your web application with various resolutions, dimensions, and features. Unlike other mobile simulators, BrowserSim runs on all three major platforms (Windows, Linux® and OS X).
- **Tooling for OpenShift Enterprise by Red Hat.** JBoss Developer Studio includes tooling that allows you to interact with Red Hat's cloud offering as if it were a local server.
- **AJAX capabilities with RichFaces components.** JBoss Developer Studio also includes tooling support for JBoss RichFaces, a rich component library for JSF, and an advanced framework for easily integrating AJAX capabilities into business application development.
- **Optimized JBoss Application Server adapter.** This adapter includes features like incremental hot deployment and is pre-configured for the included JBoss Enterprise Application Platform.
- **Red Hat Enterprise Linux and Red Hat Network (RHN) access.** Access to Red Hat Enterprise Linux, Linux development tools, and Red Hat Network (for developing purposes) are included in the JBoss Developer Studio Portfolio Edition.

## THREE WAYS TO GET RED HAT JBOSS DEVELOPER STUDIO



<sup>1</sup> Red Hat JBoss Platforms are included for development purposes in JBoss Developer Studio Portfolio Edition.

**CONTENTS OF RED HAT JBOSS DEVELOPER STUDIO PORTFOLIO EDITION:**

- Red Hat JBoss Developer Studio
- Red Hat JBoss Portal
- Red Hat JBoss Enterprise Application Platform
- Red Hat JBoss SOA Platform
- Red Hat JBoss Data Services
- Red Hat JBoss BRMS
- Red Hat Enterprise Linux
- OpenJDK

**INCLUDED WITH ALL RED HAT JBOSS PLATFORM SUBSCRIPTIONS**

JBoss Developer Studio is included with all JBoss platform subscriptions, including:

- Red Hat JBoss Portal
- Red Hat JBoss Enterprise Application Platform
- Red Hat JBoss SOA Platform
- Red Hat JBoss Data Services
- Red Hat JBoss BRMS

Every 16 cores of JBoss subscription allow 25 developers access to JBoss Developer Studio.

**RED HAT JBOSS DEVELOPER STUDIO PORTFOLIO EDITION**

JBoss Developer Studio Portfolio Edition is available as a standalone subscription for Windows, Linux, and Mac OS X.

In addition to all of the features and benefits of JBoss Developer Studio, the Portfolio Edition also includes all Red Hat JBoss Middleware platforms for development purposes, OpenJDK, and JBoss Operations Network, a management and monitoring tool. JBoss Developer Studio Portfolio Edition also comes with one entitlement to Red Hat Enterprise Linux with built-in development tools and Red Hat Network access for development purposes.

JBoss Developer Studio Portfolio Edition and its contents are provided via subscription for use by individual developers for development purposes only.

**30-DAY EVALUATION**

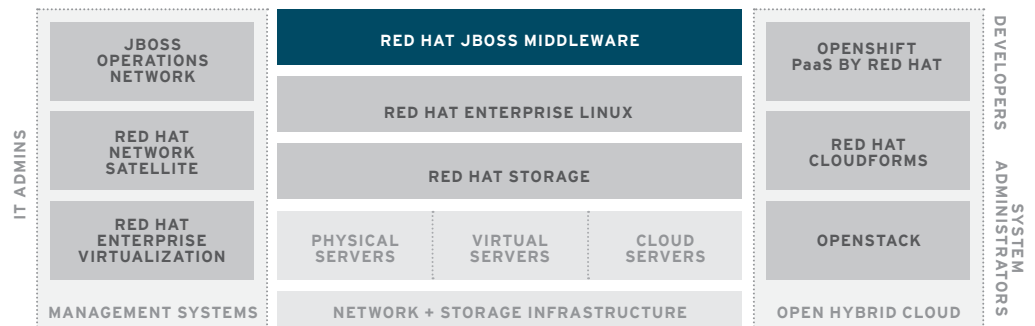
JBoss Developer Studio standalone can be downloaded free for a 30-day evaluation. This includes access to our award-winning customer portal and to evaluation versions of Red Hat Enterprise Linux and Red Hat JBoss Enterprise Application Platform.



## ABOUT RED HAT

Red Hat is the world's leading provider of open source solutions, using a community-powered approach to provide reliable and high-performing cloud, virtualization, storage, Linux, and middleware technologies. Red Hat also offers award-winning support, training, and consulting services. Red Hat is an S&P company with more than 70 offices spanning the globe, empowering its customers' businesses.

**RED HAT PORTFOLIO** *Learn more at [redhat.com](http://redhat.com).*



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