

RED HAT JBOSS DEVELOPER STUDIO

support for your entire development life cycle in a single tool

DATASHEET

BENEFITS

- A pre-assembled development environment, including both tooling and runtime components. No need to cobble one together
- Applications developed for deployment on premise or in the cloud through its seamless integration with Red Hat OpenShift Container Platform and Red Hat OpenShift Online
- Tested and certified to ensure that all components work well together, such as Hibernate, Portal, jBPM, and Drools
- Verified plugins, runtime components, and their dependencies compatible with each other

COMPLIMENTARY TOOLS

- *Business process modeling tools*: a graphical business process designer tool aids in workflow creation and can integrate processes with human task management.
- *Business rules management tools*: JBoss Drools, the most widely used tool in the market, is supported. Graphical tools help create and edit business

PRODUCT OVERVIEW

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 web applications, mobile web applications, transactional enterprise applications, and microservices.

Red Hat JBoss Developer Studio includes a broad set of tooling capabilities and support for multiple programming models and frameworks, including container development (with deployment support for Red Hat OpenShift, Red Hat Container Development Kit, and Docker), Java™ Enterprise Edition 7, JSF, EJB, JPA and Hibernate, JAX-RS + RESTEasy, CDI, HTML5, and many other popular technologies. It is fully tested and certified to ensure all plugins, runtime components, and their dependencies are compatible with each other.

Red Hat JBoss Developer Studio provides developer choice in supporting multiple 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 by 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 FEATURES

- **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.
- **Based on Eclipse Neon.** The latest Eclipse and Web Tools Project (WTP) releases provide powerful tools for Java Enterprise Edition (Java EE) and web development.
- **Java EE.** JBoss Developer Studio provides extensions to Web Tools Project for CDI, Batch, JAX-RS, and other specifications of the latest Java EE.
- **Hibernate Tools.** Hibernate Tools provides easy generation, testing, and prototyping of your Hibernate or JPA mapped projects. Use it to run queries, browse mappings, and generate code for your data projects.
- **Tooling for Red Hat OpenShift 2, Red Hat OpenShift 3, and Red Hat Container Development Kit.** JBoss Developer Studio includes tooling that allows you to interact with a Red Hat cloud offering as if it were a local server.
- **Docker tools.** Tooling for Docker brings support for managing containers inside Eclipse IDE. This feature is part of the Linux® Tools project at Eclipse and comes with JBoss Developer Studio. The goal of the Docker tooling is to integrate all the CLI features relevant for developers who want to build and deploy applications on containers.



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rules, rule resources, and decision tables which can easily be used in business process workflows.

- **SOA tools:** develop and deploy integration applications based on service oriented architecture (SOA) that includes ability to create, configure, and deploy enterprise service bus (ESB) components.

- **Portal tools:** create and deploy portlets that are compatible with Java standard (JSR 186/286 and Red Hat JBoss Portal).

- **Spring tools:** includes the Spring integrated development environment (IDE) for developing Spring applications

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 Virtualization
- Red Hat JBoss BRMS
- Red Hat Enterprise Linux
- Open Java Development Kit (JDK)

- **Red Hat Central to start up JBoss Developer Studio.** Red Hat Central helps you with project wizards to instantly start working with your favorite framework. It also provides you with the latest community news, announcements, and blog articles so you always know what's happening at JBoss.org. Finally, it is easier to install extra plugins, tested and validated by our army of QA engineers.
- **HTML5 Preview and HTML5 Widget Palette.** WYSIWYG preview is not coupled with a particular editor—use it with any editor with DOM model support. HTML Preview provides these features: automatic refresh (enabled by default), refresh on save, and navigation from source to view and vice versa.
- **Visual Page Editor.** Visual Page Editor combines visual and source editing of web pages, including rendering AJAX-enabled JSF, and JSP, HTML, and XHTML pages.
- **BrowserSim and CordovaSim mobile simulators.** A mobile simulator can 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.
- **Optimized JBoss WildFly server adapter.** The advanced JBoss WildFly adapter includes features like incremental hot deployment and is pre-configured for Red Hat JBoss Enterprise Application Platform (EAP), which is included.
- **Red Hat Enterprise Linux and Red Hat Network access.** Access to Red Hat Enterprise Linux, Linux development tools, and Red Hat Subscription Management for development purposes (formerly known as Red Hat Network) are included in the Red Hat JBoss Developer Studio Portfolio Edition.

FOUR WAYS TO GET RED HAT JBOSS DEVELOPER STUDIO

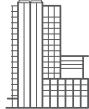
1. Included with these Red Hat JBoss subscriptions:

- Red Hat JBoss Portal
- Red Hat JBoss Data Virtualization (formerly known as Red Hat JBoss Data Services)
- Red Hat JBoss Enterprise Application Platform (EAP)
- Red Hat JBoss BRMS
- Red Hat JBoss SOA Platform
- Red Hat Development Suite

2. With the Red Hat JBoss Developer Studio Portfolio Edition

Red Hat 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 Red Hat JBoss Developer Studio, the Portfolio Edition also includes the Red Hat JBoss products listed above and OpenJDK. Red Hat JBoss Developer Studio portfolio edition also comes with one entitlement to Red Hat Enterprise Linux with built-in development tools and access to Red Hat Subscription Management for development purposes.

DATASHEET Red Hat JBoss developer studio



ABOUT RED HAT

Red Hat is the world's leading provider of open source software solutions, using a community-powered approach to provide reliable and high-performing cloud, Linux, middleware, storage, and virtualization technologies. Red Hat also offers award-winning support, training, and consulting services. As a connective hub in a global network of enterprises, partners, and open source communities, Red Hat helps create relevant, innovative technologies that liberate resources for growth and prepare customers for the future of IT.

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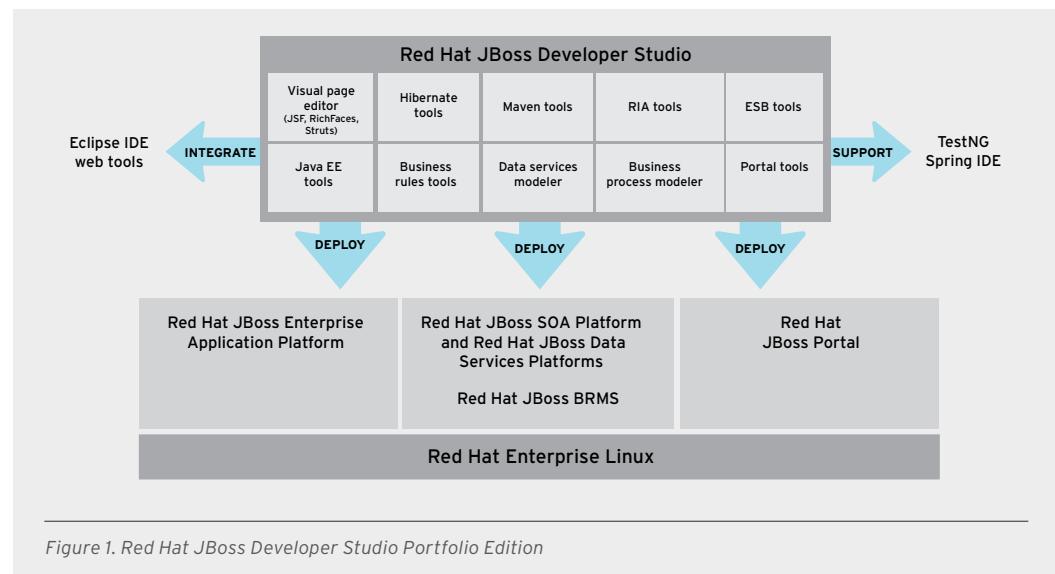
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3. Through the Red Hat Developer Program at no cost to members

Members of the Red Hat Developer Program have access at no cost to the full 12-month self-support Red Hat JBoss Developer Studio standalone version for development purposes.

The [Red Hat Developer Program](#) is free to join.

4. As part of the Red Hat Development Suite available to Red Hat Developer Program members at no cost

The Red Hat Development Suite includes Red Hat JBoss Developer Studio, Red Hat Container Development Kit (CDK), and OpenJDK for Windows. The [Red Hat Developer Program](#) is free to join.

Note: The above items are provided as a subscription for use by individual developers for development purposes only.

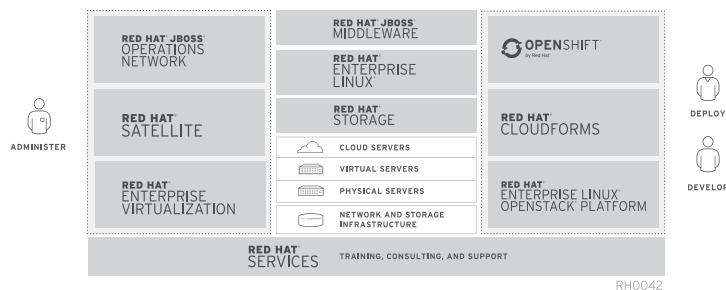


Figure 2. Red Hat solution portfolio