



Red Hat JBoss Developer Studio 9.0

Install Red Hat JBoss Developer Studio

Information for users installing JBoss Developer Studio

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Abstract

This document details how to install JBoss Developer Studio.

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1. JBOSS CENTRAL CONTENT SUPPORT INFORMATION

Red Hat JBoss Developer Studio offers third-party extensions and tools with varying levels of support from Red Hat. To access a list of all available extensions and tools, click **Software/Update** at the bottom of the **JBoss Central** view. Each extension or tool also lists the level of support at the end, as seen in the figure:

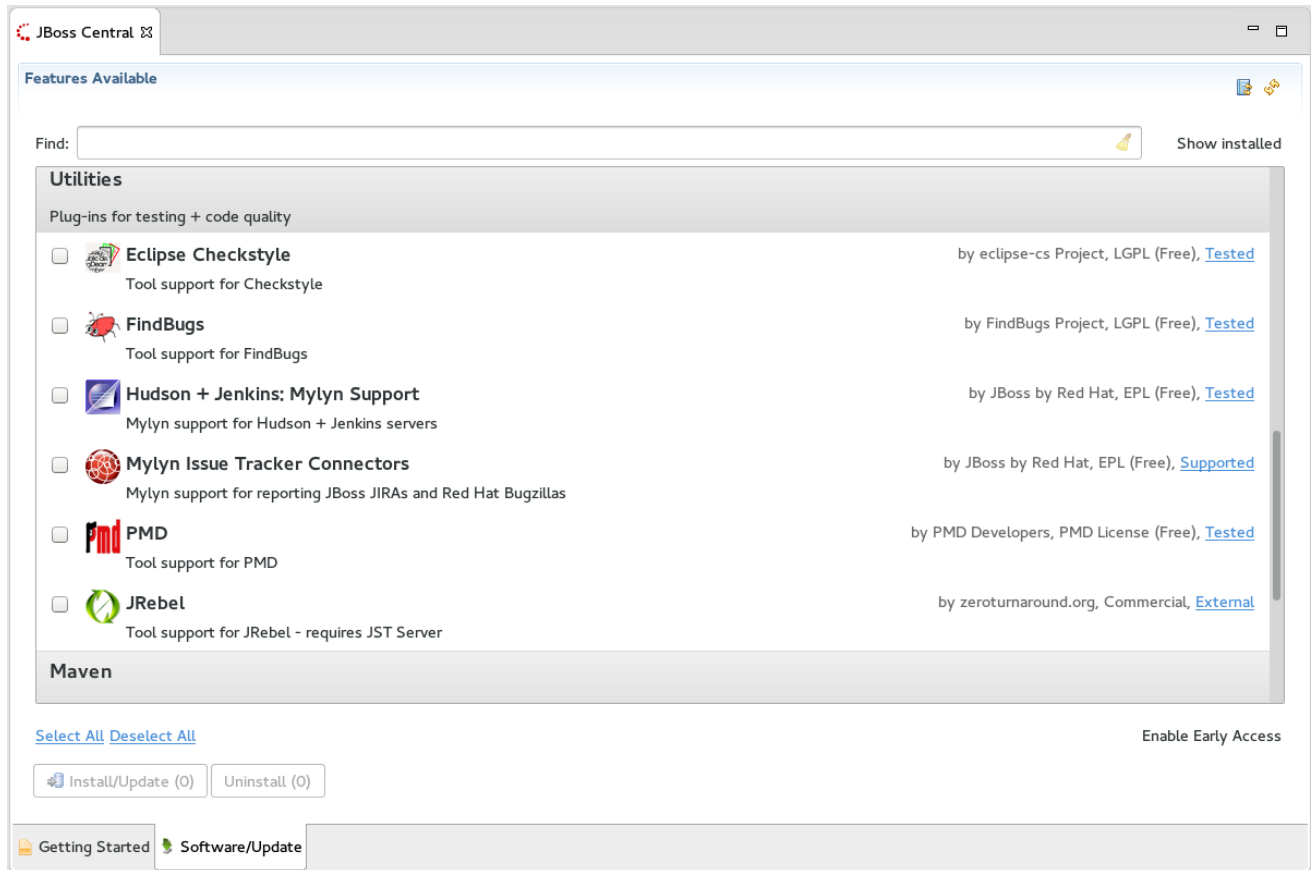


Figure 1. JBoss Central Software/Update View

Content available from JBoss Central has been tested by Red Hat but support of the content varies depending on content type:

Support Levels for JBoss Central Content

Supported

These plug-ins are hosted by Red Hat, tested by Red Hat to ensure compatibility with JBoss Developer Studio, and supported by Red Hat.

Tested

These plug-ins are hosted by Red Hat and tested by Red Hat, but support is most likely provided by another vendor. Red Hat attempts to report issues to providers as required.

Technology Preview

These plug-ins are tested by Red Hat, often with documentation describing known issues. The expectation is that these technology preview plug-ins may one day evolve sufficiently to be considered **Tested** or **Supported**, but this is not guaranteed.

Experimental , Early Access

These are experimental plug-ins. It is possible that their content may change at any time and without prior notice. Red Hat provides early access to this content so that it can be evaluated and monitored, in order to execute appropriate tests and report issues to plug-in providers as required. May evolve into Technology Preview content, but this is not guaranteed.

External

These plug-ins are tested by Red Hat but, as the plug-ins are hosted by external third-party providers, it is possible that content may change at any time and without prior notice. Red Hat attempts to monitor the associated third-party sites and execute appropriate tests on plug-ins, reporting issues to plug-in providers as required.

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2. INSTALL OPTIONS

Red Hat JBoss Developer Studio is provided in two variants depending on your circumstance: stand-alone and Bring-Your-Own-Eclipse (BYOE). JBoss Developer Studio stand-alone packages the JBoss Developer Studio plug-ins with Eclipse and dependent third-party plug-ins in an installer for all operating systems. JBoss Developer Studio BYOE packages the JBoss Developer Studio plug-ins for installing in your existing Eclipse instance.

There are a variety of ways of installing each JBoss Developer Studio variant and instructions are given here for completing the following tasks:

- [Section 4, “Install JBoss Developer Studio BYOE when Online”](#)
- [Section 5, “Install JBoss Developer Studio BYOE when Offline”](#)
- [Section 6, “Install JBoss Developer Studio Stand-alone”](#)
- [Section 7, “Install JBoss Developer Studio Stand-alone and JBoss EAP”](#)

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3. SYSTEM REQUIREMENTS

This release of JBoss Developer Studio is supported for use with a range of operating system, architecture and Java developer kit combinations; for a complete list, see <https://access.redhat.com/articles/427493> on the Red Hat Customer Portal.

To install and run this release of JBoss Developer Studio, the following memory requirements are recommended:

- 4 GB RAM
- 1.5 GB of hard disk space



NOTE

The minimum memory requirements are 2 GB RAM and 750 MB of hard disk space.

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4. INSTALL JBOSS DEVELOPER STUDIO BYOE WHEN ONLINE

JBoss Developer Studio BYOE is available to install from Eclipse Marketplace when you are online.

Prerequisites

JBoss Developer Studio 9.0 can be installed using an older version of Java, but it requires Java 8 to run. Ensure that Java 8 is installed to use JBoss Developer Studio 9.0.

Install JBoss Developer Studio BYOE when Online

To install JBoss Developer Studio BYOE from Eclipse Marketplace, complete the following steps:

1. Start Eclipse Mars.
2. Click **Help**→**Eclipse Marketplace**, locate **Red Hat JBoss Developer Studio 9.0.0.GA** and click **Install**.

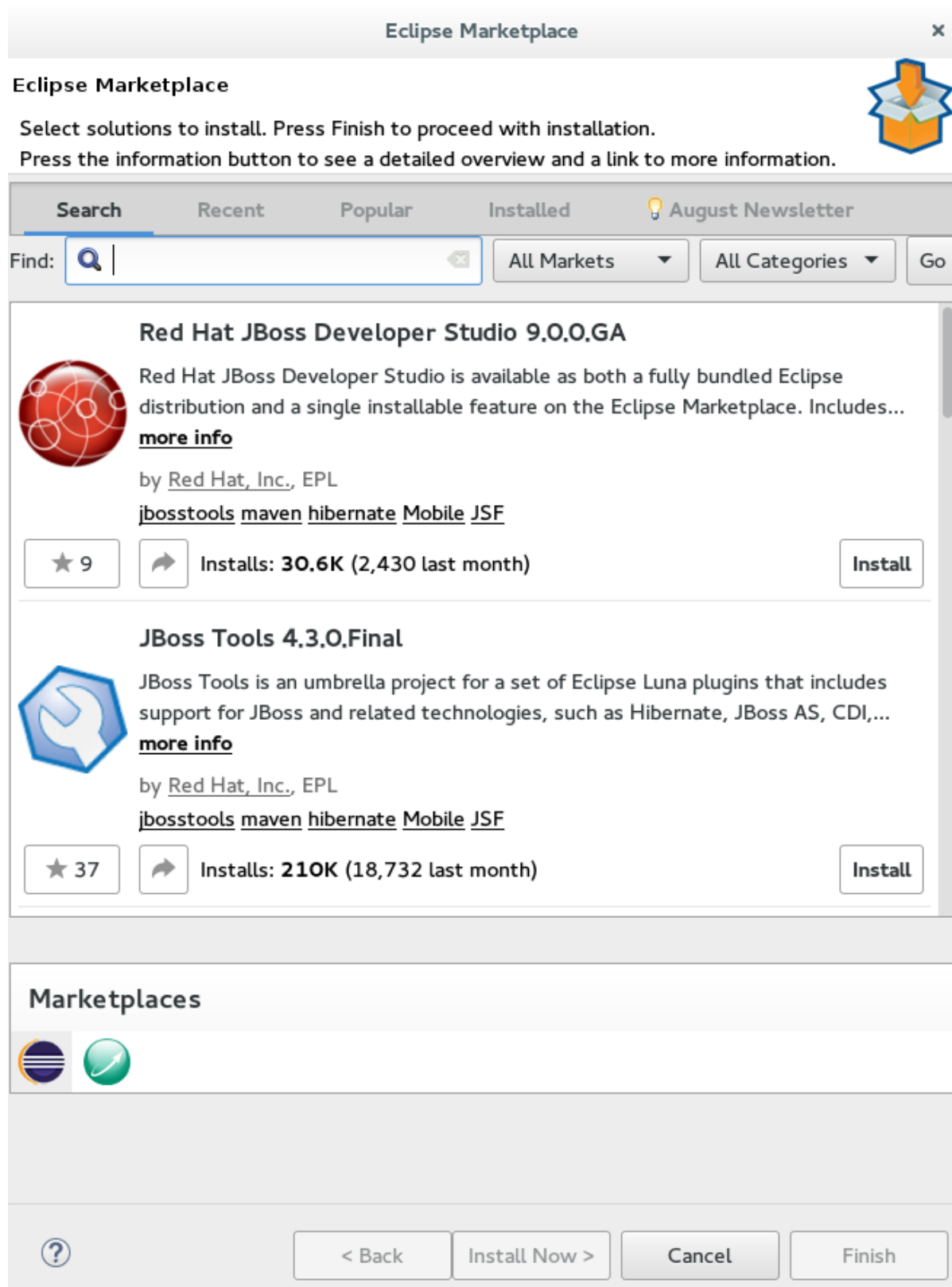


Figure 2. Red Hat JBoss Developer Studio Available from Eclipse Marketplace

3. Follow the on-screen instructions to complete the installation process.

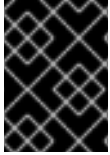
During the installation process, if you receive warnings about installing unsigned content, review the details of the content and if satisfied click **OK** to continue with the installation.

Once installation is complete, you are prompted to restart Eclipse. Click **Yes** to restart immediately and **No** if you need to save any unsaved changes to open projects. Note that IDE changes do not take effect until Eclipse is restarted.

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5. INSTALL JBOSS DEVELOPER STUDIO BYOE WHEN OFFLINE

The **Update Site Zip** that can be downloaded from <https://devstudio.redhat.com/9.0/development/updates> under **Offline Install** is needed to install JBoss Developer Studio BYOE in offline mode.



IMPORTANT

You must first be online to download the **.zip** file before proceeding to install JBoss Developer Studio BYOE in offline mode.

Prerequisites

JBoss Developer Studio 9.0 can be installed using an older version of Java, but it requires Java 8 to run. Ensure that Java 8 is installed to use JBoss Developer Studio 9.0.

Install JBoss Developer Studio BYOE when Offline

To install JBoss Developer Studio BYOE in offline mode, complete the following steps:

1. Locate and download **Red Hat JBoss Developer Studio <version> Update Site Zip**.
2. Start Eclipse Mars.
3. Click **Help**→**Install New Software**.
4. In the **Work with** field, enter the path of the **Update Site Zip** file. Alternatively, click **Add** and click **Archive** to locate the file.
5. From the table of components, select **JBoss Developer Studio <version> - Bring Your Own Eclipse** and click **Next**.

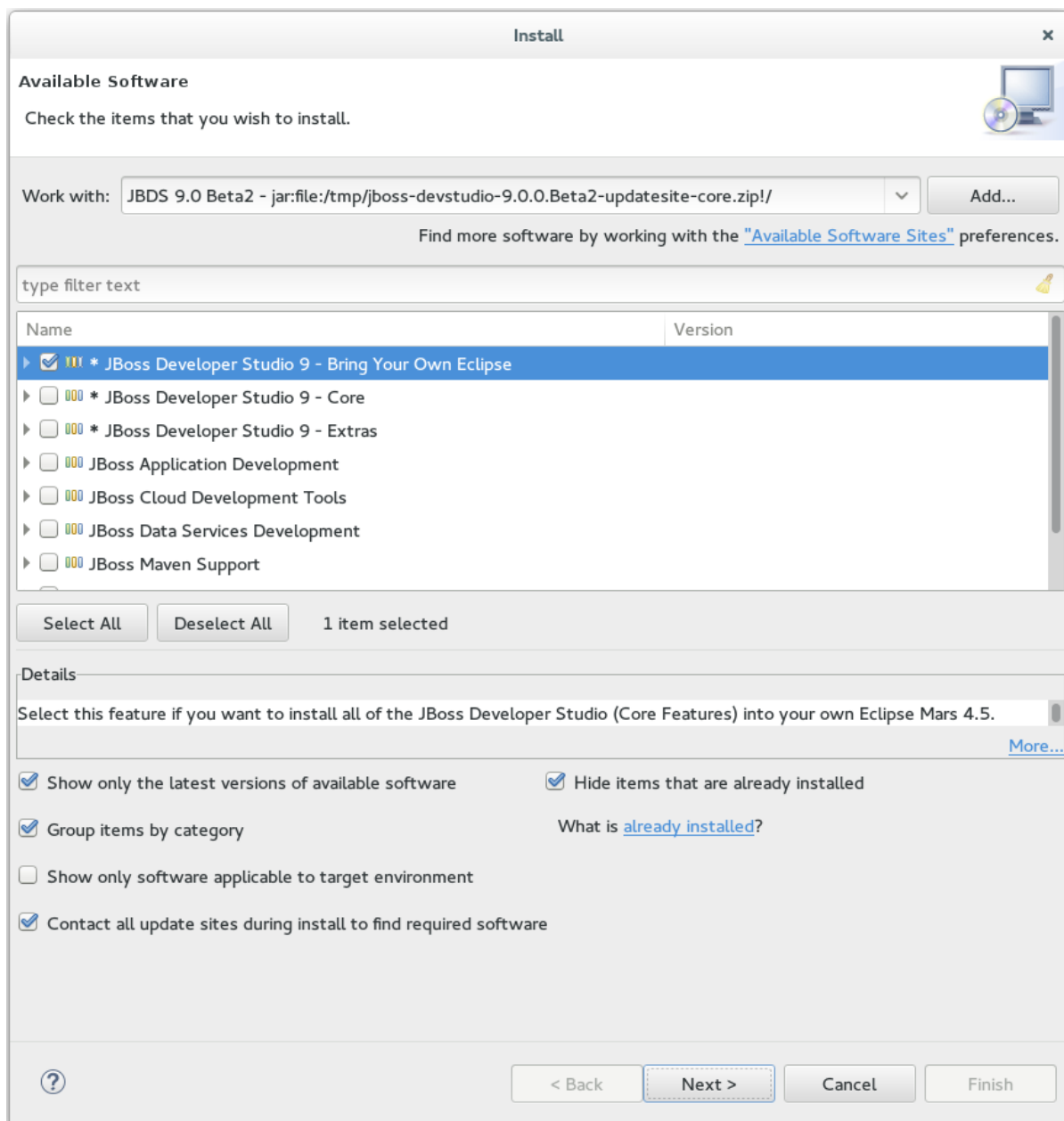


Figure 3. JBoss Developer Studio version - Bring Your Own Eclipse Selected for Installation

6. Follow the on-screen instructions to complete the installation process.

During the installation process you may receive warnings about installing unsigned content. If this is the case, review the details of the content and if satisfied click **OK** to continue with the installation.

Once installation is complete, you are prompted to restart Eclipse. Click **Yes** to restart immediately and **No** to save any unsaved changes to open projects. Note that the IDE changes do not take effect until Eclipse is restarted.

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6. INSTALL JBOSS DEVELOPER STUDIO STAND-ALONE

An installer is provided for JBoss Developer Studio stand-alone. This installer is available from a variety of sources, including the Red Hat Customer Portal.

Prerequisites

JBoss Developer Studio 9.0 can be installed using an older version of Java, but it requires Java 8 to run. Ensure that Java 8 is installed to use JBoss Developer Studio 9.0.

Install JBoss Developer Studio Stand-alone

To install JBoss Developer Studio stand-alone, complete the following steps:

1. Locate and download **Red Hat JBoss Developer Studio <version> Stand-alone Installer**.
2. Start the installer

```
$ cd /path/to/.jar  
$ java -jar jboss-devstudio-version-installer-standalone.jar
```

Alternatively, you may be able to start the installer by double-clicking the `.jar` file. On OS X systems, hold **control** and click the `.jar` file, click **Open**, review the `.jar` file details and if satisfied click **Open**.

3. Follow the on-screen instructions to complete the installation process.

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7. INSTALL JBOSS DEVELOPER STUDIO STAND-ALONE AND JBOSS EAP

A single installer is provided for both JBoss Developer Studio stand-alone and Red Hat JBoss Enterprise Application Platform. A specific JBoss EAP version is packaged in the installer; for details of the JBoss EAP version see <https://access.redhat.com/articles/427493>. This installer is available from a variety of sources, including the Red Hat Customer Portal.

Prerequisites

JBoss Developer Studio 9.0 can be installed using an older version of Java, but it requires Java 8 to run. Ensure that Java 8 is installed to use JBoss Developer Studio 9.0.

Install JBoss Developer Studio Stand-alone and JBoss EAP

To install JBoss Developer Studio stand-alone and JBoss EAP, complete the following steps:

1. Locate and download **Red Hat JBoss Developer Studio <version> Installer with EAP**.
2. Start the installer

```
$ cd /path/to/.jar  
$ java -jar jboss-devstudio-version-installer-eap.jar
```

Alternatively, you may be able to start the installer by double-clicking the `.jar` file. On OS X systems, hold **control** and click the `.jar` file, click **Open**, review the `.jar` file details and if satisfied click **Open**.

3. Follow the on-screen instructions to continue the installation process.
4. At installer step 5, when asked if you want to install JBoss EAP, click **Yes**.

5. Continue to follow the on-screen instructions to complete the installation process.

This additional installer option installs JBoss EAP in a subdirectory of the JBoss Developer Studio installation and generates a complete default server definition within the IDE with which to manage the JBoss EAP instance and deployed applications.

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8. ADVANCED INSTALL TASKS

8.1. Install JBoss Developer Studio by Script

Use the scripted method to install JBoss Developer Studio stand-alone using the GUI once and then a generated script for subsequent installations. This installation method enables simplified repeat installation or installations in bulk without stepping through the installer GUI for every installation.

The JBoss Developer Studio stand-alone installer is available from a variety of sources, including the Red Hat Customer Portal.

To install JBoss Developer Studio by script, complete the following steps:

1. Locate and download **Red Hat JBoss Developer Studio <version> Stand-alone Installer** from the Red Hat Customer Portal.
2. Start the installer as follows:

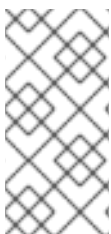
```
$ cd /path/to/.jar
$ java -jar jboss-devstudio-<version>-installer-standalone.jar
```

3. Follow the on-screen instructions to complete the installation process.

After the installation is complete, a **InstallConfigRecord.xml** file is generated in the **/path/to/jboss-devstudio/** directory.

4. In the terminal window, enter the following command:

```
java -jar jboss-devstudio-version-installer-standalone.jar
/path/to/jboss-devstudio/InstallConfigRecord.xml
```



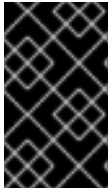
NOTE

The generated **InstallConfigRecord.xml** file is machine-specific and uses the Java developer kit and installation paths of your system. To use the **InstallConfigRecord.xml** file for systems with different operating systems, Java developer kits, or paths, you must manually modify the file.

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8.2. Build the JBoss Developer Studio Stand-alone Installer from Source

A .zip file is provided from which you can build the JBoss Developer Studio stand-alone installer. The source code archive is available from a variety of sources, including the Red Hat Customer Portal.



IMPORTANT

Maven must be installed to build the installer from the source code. Also, ensure that you are using Maven 3.2 or later, with Java 8 or later. To obtain and configure Maven, see <http://maven.apache.org/>.

To build the JBoss Developer Studio stand-alone installer from source:

1. Locate and download **Red Hat JBoss Developer Studio <version> Sources Zip** from the Red Hat Customer Portal.
2. Extract the contents of the downloaded file, by running the following commands:

```
$ cd path/to/.zip
$ unzip jboss-devstudio-<version>-installer-src.zip
```

3. Build the installer, by running the following commands:

```
$ cd jbdevstudio-product-{SHA_checksum}
$ mvn clean install
```

Building takes some time to complete, after which the `installer.jar` file will be located in the `/path/to/jboss-devstudio-<version>-src/jbdevstudio-product-{SHA_checksum}/installer/target` directory.

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9. REPORTING ISSUES FROM WITHIN THE IDE

Red Hat JBoss Developer Studio and JBoss Tools allow users to report issues from within the IDE as they are encountered. It is recommended that users report issues frequently and include as much detail as possible to help the development and testing teams replicate and fix the issue. The **Report Problem** wizard creates a zip file containing the relevant IDE log files. This zip file can be attached to the JIRAs submitted against each problem to provide context for the issue.

Procedure 1. Report Issues from Within the IDE

1. Click **Help** and then **Report Problem**.
2. The **Log file** name field contains the zipped log files as a default. Click **Browse...** to select a different log file to attach to the JIRA.
3. In the **Problem Description** field, outline details about the problem, such as:
 - o What you wanted to do with JBoss Developer Studio.
 - o What steps you followed to arrive at the problem or error message.
 - o Any other noteworthy information about the environment or any unsupported add-ons or plug-ins in use.
4. Optionally, add your e-mail address to be potentially contacted in the future about the issue in the **E-Mail:** field.

5. Click **OK** to submit the problem report.

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A. REVISION HISTORY

Revision 9.0.0-12 Updated screenshot for GA.	Thu Oct 08 2015	Supriya Bharadwaj
Revision 9.0.0-11 Updated text for GA. Replaced screenshots for GA.	Mon Oct 05 2015	Supriya Bharadwaj
Revision 9.0.0-10 Updated for CR1.	Thu Sep 17 2015	Misha Husnain Ali
Revision 9.0.0-9 Corrected offline installation URL.	Mon Aug 03 2015	Misha Husnain Ali
Revision 9.0.0-8 JBQA-12310: Edited details for number of zip files required for offline installation.	Mon Jul 27 2015	Supriya Bharadwaj
Revision 9.0.0-7 Added the Advanced Install Tasks. TOOLSDOC-668: Incorporated feedback for Advanced Install Tasks. Incorporated feedback for Build the JBoss Developer Studio Stand-alone Installer from Source	Wed Jul 22 2015	Supriya Bharadwaj
Revision 9.0.0-6 TOOLSDOC-481: Added topic about reporting issues from within the IDE.	Wed Jul 22 2015	Misha Husnain Ali
Revision 9.0.0-5 TOOLSDOC-491: Added details of support levels for extensions and add-ons.	Tue Jul 21 2015	Misha Husnain Ali
Revision 9.0.0-3 Added screenshots for Beta2.	Mon Jul 20 2015	Misha Husnain Ali
Revision 9.0.0-2 Generated for 9.0 Beta2	Wed Jul 01 2015	Misha Husnain Ali
Revision 9.0.0-1 Finalized for 9.0 Beta1	Mon Jun 22 2015	Misha Husnain Ali
Revision 9.0.0-0 Generated for 9.0 Beta1	Wed Jun 17 2015	Misha Husnain Ali