Red Hat JBoss Developer Studio 8.1

Install Red Hat JBoss Developer Studio

Information for users installing JBoss Developer Studio

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Red Hat Customer Content Services

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Abstract

This document details how to install JBoss Developer Studio.

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1. 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 3, “Install JBoss Developer Studio BYOE when Online”
- Section 4, “Install JBoss Developer Studio BYOE when Offline”
- Section 5, “Install JBoss Developer Studio Stand-alone”
- Section 6, “Install JBoss Developer Studio Stand-alone and JBoss EAP”

There are also several advanced and less common ways of installing JBoss Developer Studio and instructions are given here for completing the following tasks:

- Section 7.1, “Install JBoss Developer Studio by Script”
- Section 7.2, “Build the JBoss Developer Studio Stand-alone Installer from Source”

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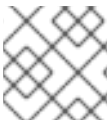
2. SYSTEM REQUIREMENTS

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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3. INSTALL JBOSS DEVELOPER STUDIO BYOE WHEN ONLINE

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

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

1. Start Eclipse Luna.
2. Drag the following link into your Eclipse workspace: http://marketplace.eclipse.org/marketplace-client-intro?mpc_install=1616973. Alternatively, click **Help→Eclipse Marketplace**, locate **`Red Hat JBoss Developer Studio 8.1.0 GA`** and click **`Install`**.

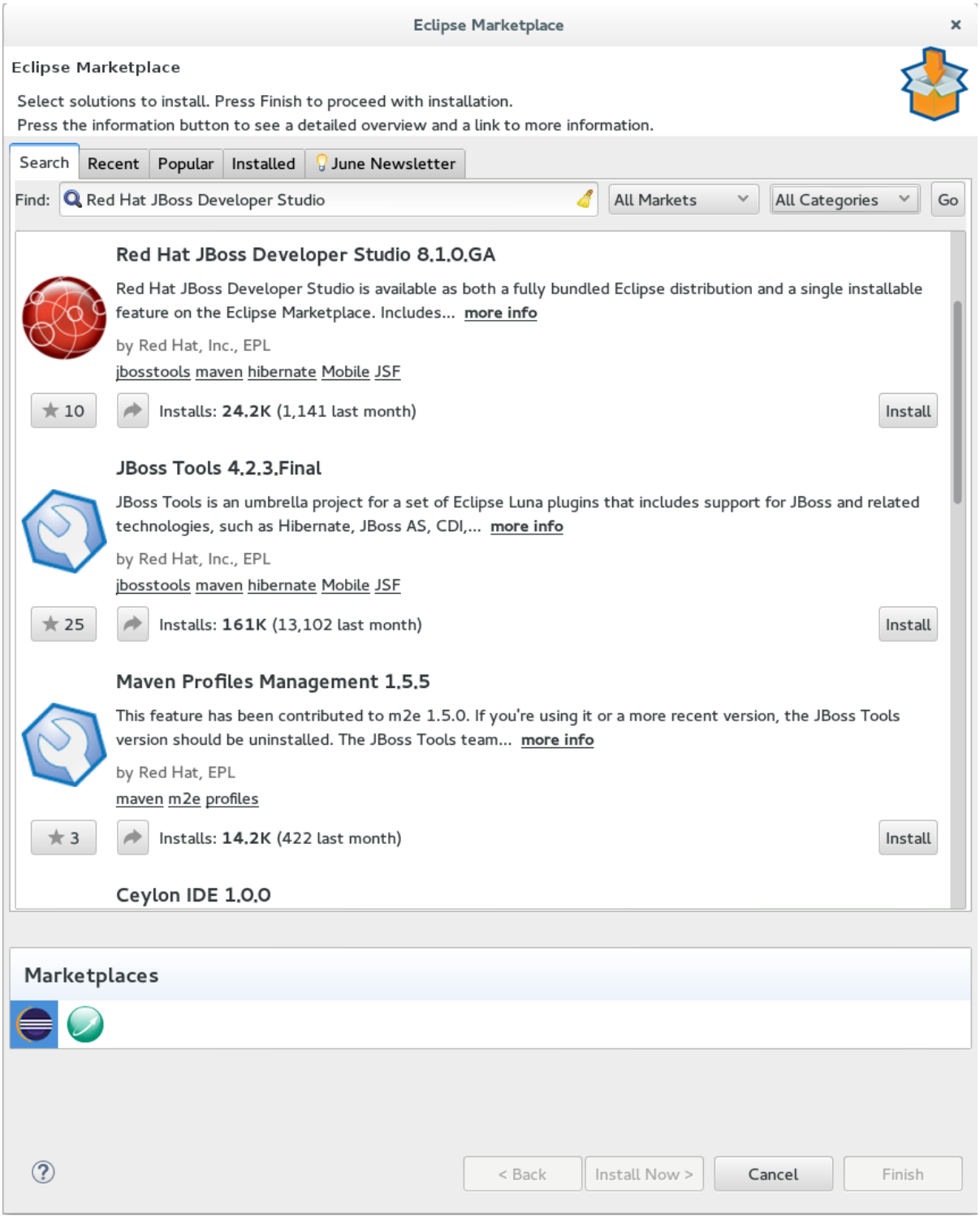

Figure 1. Red Hat JBoss Developer Studio (Luna) Available from Eclipse Marketplace

3. 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** 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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4. INSTALL JBOSS DEVELOPER STUDIO BYOE WHEN OFFLINE

Two **.zip** files are provided for installing JBoss Developer Studio BYOE in offline mode, namely an Update archive and a Target Platform archive. Both of these **.zip** files are necessary for a successful install and they can be downloaded from https://devstudio.jboss.com/updates/8.0/ under **Offline Install**.

IMPORTANT

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

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** and **Target Platform Zip**.
2. Start Eclipse Luna.
3. Click **Window**→**Preferences**→**Install/Update**→**Available Software Sites**.
4. Click **Add** and click **Archive** to locate the JBoss Developer Studio Target Platform **.zip** file.

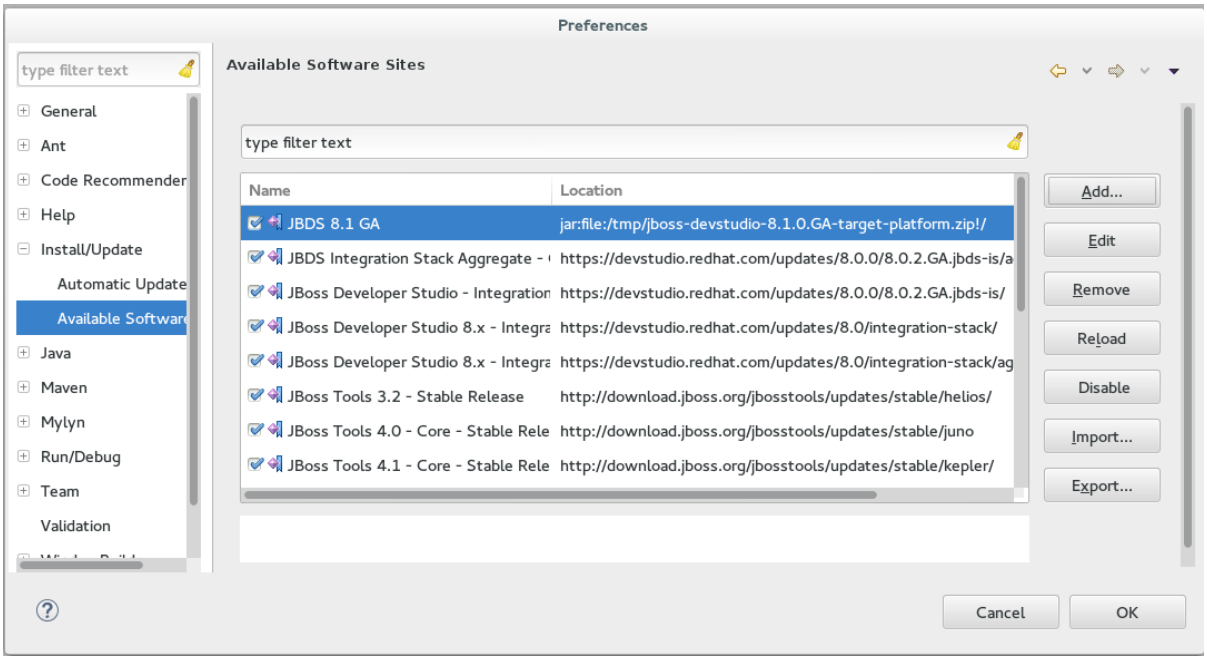

Figure 2. Add JBoss Developer Studio 8.1 Offline Target Platform File

5. Click **OK** and click **OK** again to close the **Preferences** window.
6. Click **Help**→**Install New Software**.

7. In the **Work with** field, enter the path of the Update **.zip** file. Alternatively, click **Add** and click **Archive** to locate the file.

8. From the table of components, select **JBoss Developer Studio *<version>* - Bring Your Own Eclipse** and click **Next**.

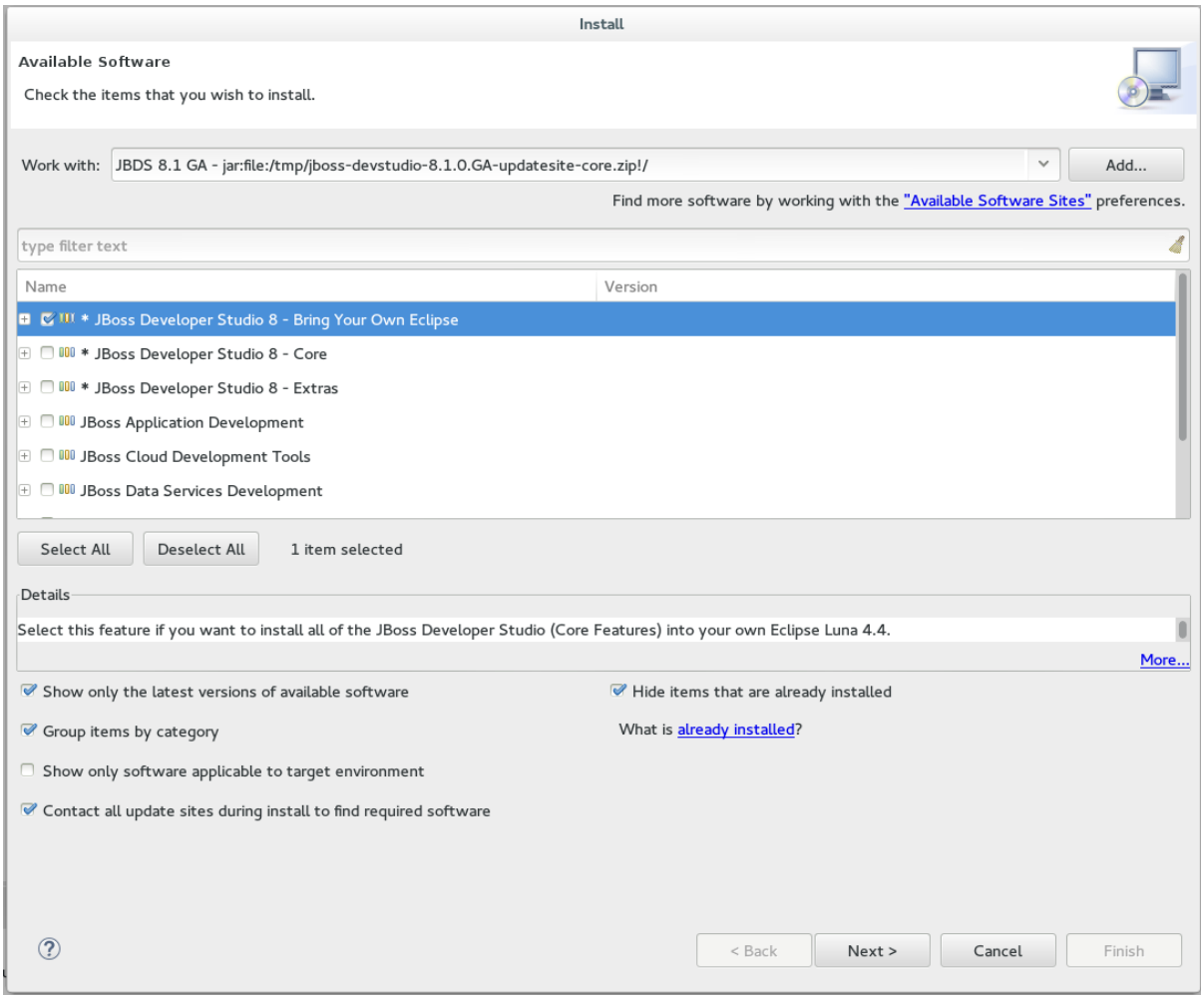

Figure 3. JBoss Developer Studio version - Bring Your Own Eclipse Selected for Installation

9. 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 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.

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.

When working through the installer you may find the following additional information useful:

Installer step 4

You must specify a Java developer kit with a 32-bit JRE to install a 32-bit version of JBoss Developer Studio and a 64-bit JRE to install a 64-bit version of JBoss Developer Studio. To change the bit version of the Java developer kit to be used for installing JBoss Developer Studio, in the text field type the path to the appropriate bit version of the Java developer kit.

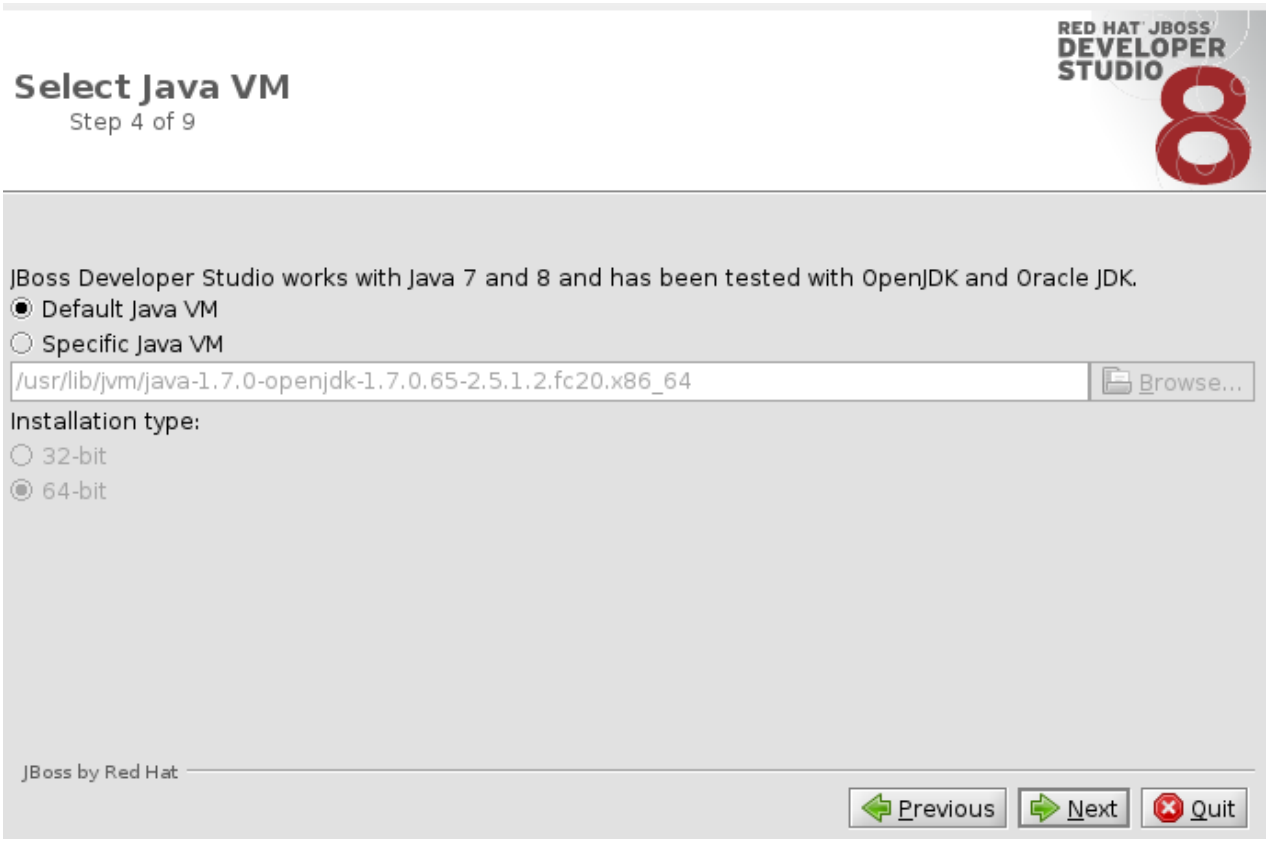

Figure 4. Default Java VM Selected for Running the IDE

Installer step 5

To make use of automatic runtime detection for finding already installed application servers, click **Add**. In the **Location** field, type the path from which recursive scanning for application servers is to commence or click **Browse** to navigate to the location:

- To detect a specific application server, select the install directory for that application server.

- To detect multiple application servers, select a directory higher up the directory tree. Alternatively, this can be achieved by adding multiple locations for scanning.

Figure 5. Path Selected for Recursive Scanning for Application Servers

This task can also be completed after JBoss Developer Studio is installed using the **`JBoss Runtime Detection`** wizard, accessed through the IDE **`Preferences`** window.

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6. 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.

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`**.

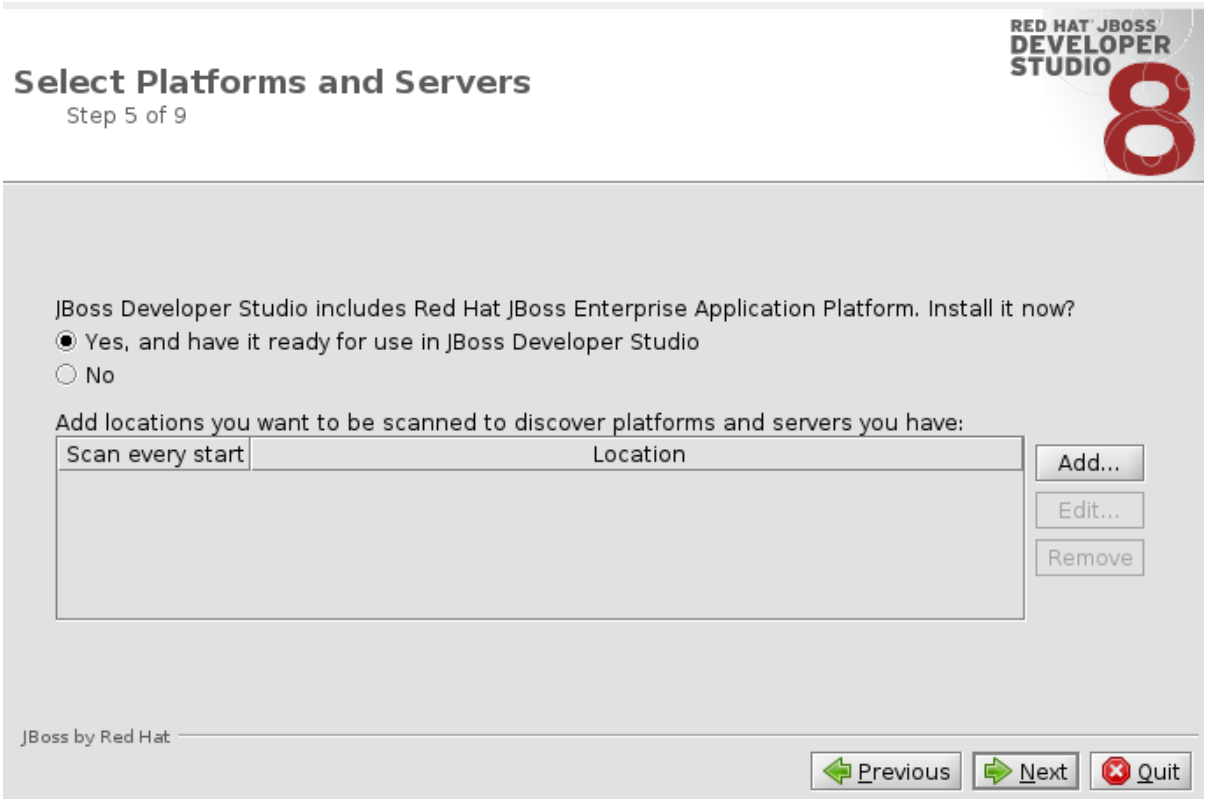

Figure 6. Check Box Selected for Installing JBoss EAP

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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7. ADVANCED INSTALL TASKS

7.1. Install JBoss Developer Studio by Script

A scripted method is available for use when installing JBoss Developer Studio stand-alone with the installer. The scripted installation method removes the need to step through the installer GUI for every installation, enabling simplified repeat installations or installations in bulk.

The instructions here detail how you can install JBoss Developer Studio stand-alone stepping through the installer GUI once and then use a generated script for subsequent installations. 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**.

2. Start the installer

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

3. Step through the installer GUI once to generate a **InstallConfigRecord.xml** file located in the **/path/to/jboss-devstudio/** directory.

4. Perform repeat identical installations without stepping through the installer GUI

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

NOTE

The generated **InstallConfigRecord.xml** file is machine-specific, using 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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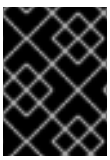
7.2. Build the JBoss Developer Studio Stand-alone Installer from Source

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. To obtain and configure Maven, see http://maven.apache.org/.

To build the JBoss Developer Studio stand-alone installer from source, complete the following steps:

1. Locate and download **Red Hat JBoss Developer Studio <*version*> Sources Zip**.

2. Extract the contents of the downloaded archive

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

3. Build the installer

```
$ cd devstudio/product
$ mvn clean install
```

Building takes some time to complete, after which the installer **.jar** file is located in the **/path/to/jboss-devstudio/installer/target/** directory.

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A. REVISION HISTORY

Revision 8.1.0-5 **Mon Jul 20 2015** **Misha Husnain Ali**

TOOLSDOC-597: Updated screenshots for 8.1.

Revision 8.1.0-4 **Tue Mar 31 2015** **Misha Husnain Ali**

Updated for GA content.

Revision 8.1.0-3 **Wed Mar 25 2015** **Misha Husnain Ali**

Test build for GA

Revision 8.1.0-2 **Mon Mar 23 2015** **Misha Husnain Ali**

Test build for GA.

Revision 8.1.0-1 **Wed Feb 18 2015** **Supriya Bharadwaj**

Created for Beta release