

# BlackBerry Java Plug-in for Eclipse for Mac

Version: 1.1

## Installation and Configuration Guide



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# Installation and Configuration

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The BlackBerry Java Plug-in for Eclipse includes BlackBerry® Java® SDK 6.0

## System requirements

The BlackBerry® Java® Plug-in for Eclipse® 1.1 for Mac was tested on a hardware configuration meeting these requirements:

- Intel® Core™ i5 desktop processor, 2.53GHz
- 1.5 GB available hard drive space
- 4 GB RAM
- Computer monitor with resolution 1024 x 768
- Mac OS X Snow Leopard (10.6.3 or later)
- Java® SE Development Kit (JDK) 6 (32-bit), update 10 or later

## Install the BlackBerry Java Plug-in for Eclipse and the Eclipse IDE

### Before you begin:

You must download the BlackBerry® Java® Plug-in for Eclipse® setup application. To download the setup application that includes the Eclipse IDE, visit [www.blackberry.com/developers/java](http://www.blackberry.com/developers/java).

1. Create an empty folder on your hard drive where you can install the BlackBerry Java Plug-in for Eclipse and the Eclipse IDE.
2. Double-click the setup application file.
3. On the **Introduction** screen, click **Next**.
4. Accept or decline the terms of the license agreement.
5. Click **Next**.
6. Browse to the empty folder where you want to install the BlackBerry Java Plug-in for Eclipse and the Eclipse IDE.
7. Click **Next**.
8. Review the information on the **Pre-installation Summary** screen and click **Install**.
9. Click **Done**.

## Remove the BlackBerry Java Plug-in for Eclipse

1. On the Eclipse menu, click **Help**.
2. Click **About Eclipse SDK**.
3. Click **Installation Details**.

4. Click **BlackBerry Java Plug-in**.
5. Click **Uninstall**.
6. In the **Uninstall** dialog box, click **Finish**.
7. After the removal is finished, click **Yes** to restart Eclipse.

## Configuring the BlackBerry Java Plug-in for Eclipse

### Specify the default BlackBerry JRE

1. On the **Eclipse** menu, click **Preferences**.
2. Expand the **Java** item and click **Installed JREs**.
3. In the **Installed JREs** list, select the BlackBerry® JRE™ that you want to use as the default runtime environment.
4. Click **OK**.

### Specify the heap memory for Eclipse

If you work with large or numerous projects, or if you use the profiler application when you debug a BlackBerry® device application, you should start Eclipse® with more than the standard 256Mb of heap memory. Heap memory between 512Mb and 768Mb is recommended.

Complete one of the following tasks:

Task	Steps
Use an application shortcut to specify the amount of heap memory.	<ol style="list-style-type: none"><li>a. Create a shortcut to the Eclipse executable.</li><li>b. Right-click the shortcut and add the following parameters to the properties: <code>-vmargs -Xmx512M</code></li></ol>
Specify the amount of heap memory in the Eclipse .ini file.	<ol style="list-style-type: none"><li>a. Navigate to the directory where you installed Eclipse.</li><li>b. In the eclipse.ini file, change the following parameter: <code>-Xmx512m</code></li></ol>

### Turn on application preprocessing

You can turn on preprocessing for your applications by updating the Eclipse® configuration file.

1. Browse to C:\Program Files\Eclipse\configuration, open the **config.ini** file.
2. Add the following line to the **config.ini** file:

- `osgi.framework.extensions=net.rim.ejde`

### **After you finish:**

If you turn on preprocessing after you build a project, on the **Project** menu, you must clean the project before you build the project again.

## Enable functionality similar to the BlackBerry Java Development Environment

1. Open the Eclipse® workspace.
2. On the **Eclipse** menu, select **Preferences**.
3. Expand the **General** item.
4. Select the **Workspace** item.
5. Clear the **Build automatically** option.
6. Clear the **Refresh automatically** option.
7. Select the **Save automatically before build** option.

## Provide feedback

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