Advanced Java Application Development for the BlackBerry Smartphone Lab manual
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Chapter 1: Introduction to advanced mobile application development for the BlackBerry smartphone

The exercises for this course use the sample applications included with the BlackBerry® Java® Plug-in for Eclipse®.

The Blackberry® Smartphone® Simulator models 9500 and 9530 are recommended for these labs. Using these simulators, you can use mouse clicks to perform operations that require trackball manipulation on other BlackBerry Smartphone Simulators.

Chapter 1 provides review exercises for Advanced Java Application Development for the BlackBerry Smartphone. In this lab you will do the following:

- Open an existing BlackBerry Java Plug-in for Eclipse workspace, and make a project active.
- Open a project, edit a Java® source file in the project, and build the project.
- Start the Blackberry Smartphone Simulator, load an application for the simulator, and run the application on the simulator.
1.1 Preparing a workspace and project

In this exercise, you will start the BlackBerry Java Plug-in for Eclipse, open an existing BlackBerry Java Plug-in for Eclipse workspace, and make a project active.

1. In the workspace files view, expand the samples.jdw workspace.
2. Expand the com\rim\samples\device folder.
3. On the BlackBerry Project menu, click Set Active Projects.
4. In the Active projects dialog box, click Clear all.
5. Scroll to and select HelloWorldDemo.
6. Click OK.
1.2 Editing and building a project

In this exercise, you will open a project, edit a Java source file in the project, and build the project.

1. In the workspace files view, expand the **helloworlddemo** folder.
2. Expand the **HelloWorldDemo** project.
3. Double-click the **HelloWorldDemo.java** source file.
4. In the Java window, locate the **HelloWorldScreen** constructor.
5. Modify the code so that the title of the screen is "Hello World Review".
6. Add new code so that a second message is displayed after the "Hello World!" message.
7. On the **Build** menu, click **Build**.