Advanced Java Application Development for the BlackBerry Smartphone
Lab manual
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Chapter 6: Understanding push technology

In this section, you will use a server to perform a RIM® push or PAP push.
In this exercise, you will perform a browser push.

This exercise requires sample files that are found in the following path within your install directory: com\rim\samples\server\browserpushdemo\. In addition to the files you must download to complete the lab, samples of a RIM push and a PAP push are also available.

1. Copy the contents of the com\rim\samples\server\browserpushdemo\testpage directory to a web server.

2. Update the contentUrlString, unreadIconUrl, and readIconUrl properties of the browser-push.properties file under both the pappush and rimpush directories. They must point to the relevant files now located on your web server, as follows:
   - contentUrlString = http://path_to_push_files/sample.html
   - unreadIconUrl = http://path_to_push_files/smile_unread.png
   - readIconUrl = http://path_to_push_files/smile.png

3. Launch an MDS Simulator and Device Simulator.

4. In the pappush or rimpush directory (depending on the type of push you want to use) update the properties in the relevant browserpush.properties file. For each new push request, specify a unique pushID; otherwise, the push request fails.

5. In the pappush or rimpush directory (depending on the type of push), run the run.bat file.

6. Examine the Device Simulator home screen for changes, such as a new or updated push channel icon.

7. Repeat steps 4-6 as desired.