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Chapter 4: Push technology for Java applications

This chapter outlines how to create an application that listens for data from a server-side push application. This chapter describes how to create separate threads for background tasks. This chapter describes how to open a connection to listen for pushed data and how to display the pushed data. This chapter provides practice using the BlackBerry® MDS Simulator for testing.
4.1 Listen for pushed data

In this exercise, you will create an application that listens for data from a server-side push application. You will create a separate listener thread. You will receive and display pushed data. You will use the BlackBerry MDS Simulator to test your application.

1. Open `http_push_1.zip`.

2. In the IDE, open the `http_push.jdw` workspace.


4. In the `ListeningThread` inner class, add code to open a server-side socket connection and an input stream, receive pushed data, and display data to the user.

   **Note:**
   Most code must be added in the `run` method.

5. In the `ListeningThread` inner class, add a `stop` method to close the network connection.

6. In the `FilePush` constructor, add code to start the listening thread.

7. In the `onExit` method, add code to stop the listening thread.

8. In the `updateText` method, add code to display the text that has been received.


Notes