

BaracodaManager J2ME for Nokia series 60 phones User Guide

©Baracoda[™] – March 2009



SUMMARY

<u>SUMMARY</u>	<u>2</u>
<u>REVISION HISTORY</u>	<u>3</u>
<u>INTRODUCTION</u>	<u>4</u>
<u>1. RUNNING BARACODAMANAGER</u>	<u>5</u>
1.1. ACTIVATING BLUETOOTH	5
1.2. LAUNCHING BARACODAMANAGER	5
1.3. FINDING BARACODA BLUETOOTH BARCODE READERS	7
1.4. CONNECTING BARACODA BLUETOOTH BARCODE READERS	8
1.5. READING INCOMING DATA	9
1.6. AUTOCONNECT FEATURE	10
1.7. DISCONNECTING BARACODA BLUETOOTH BARCODE READERS	10

Revision History

Changes to the original manual are listed below.

Document	Date	Description
1.08	4th July 08	Initial release
1.09	10th December 08	TagRunners added
1.10	5th March 09	DualRunners added

Introduction

The **BaracodaManager J2ME for Nokia** phones can be used on all Nokia series 60 models that support Bluetooth. It is an example application included in the **Baracoda Java SDK for Nokia** package that shows how to connect and read data from Baracoda Bluetooth barcode readers. The incoming data will be shown on the main application window.

The **Baracoda Java SDK for Nokia** can be downloaded from the Partners download section of Baracoda website (registration is required):

<http://www.baracoda.com>

1. Running BaracodaManager

The **Baracoda J2ME SDK for Nokia** phones package includes an application named BaracodaManager. The BaracodaManager is an example using the SDK that will need to be installed on the mobile phone. For more instructions about how to do that, please refer to the BaracodaManager J2ME for Nokia series 60 phones Installation Guide.

1.1. Activating Bluetooth

Before starting the BaracodaManager application, the user should make sure that Bluetooth has been activated on the phone. Please refer to the phone user manual for instructions on how the Bluetooth interface can be activated.

1.2. Launching BaracodaManager

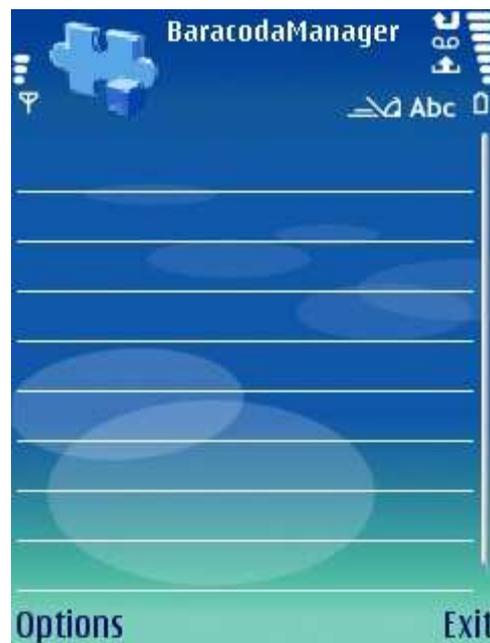
In order to launch the BaracodaManager, the user should find its shortcut icon in the appropriate Applications folder. The first picture below shows the BaracodaManager shortcut on a Nokia N70 phone:



And the same shortcut on a newer Nokia model, N73:



When the application is started, it shows its main window:



At the bottom of the window, the user can see two menus that are used to control the application. The "Exit" button allows the user to exit the application.

On the left-hand side the “Options” menu offers the main application’s operations:



1.3. Finding Baracoda Bluetooth barcode readers

The first option, “Find devices” can be used to find Baracoda Bluetooth barcode readers in the vicinity of the phone:



The second menu option, “Device list” can be used to get back to the screen showing the devices found the last time a Bluetooth device inquiry was launched (screenshot above).

1.4. Connecting Baracoda Bluetooth barcode readers

Next, the user should select the device which they want to connect to the phone (in this case it is a Roadrunners Evolution reader named BRRNA_7aad) and choose the “Connect” option:



When a connection to a Baracoda Bluetooth barcode reader is launched, the phone’s operating system shows the following information message:



The user should answer “Yes” to the question popup shown above; this message will not be shown again.

Next, in the case where the selected Bluetooth reader is connected to the phone for the first time, the Bluetooth PIN code window will be shown. The user should enter "0000", which is the default PIN code of Baracoda Bluetooth barcode readers.

When the connection has been completed, the main application window shows the selected reader model:



In this case, it is the previously selected Roadrunners Evolution has been detected.

1.5. Reading incoming data

As soon as the reader been connected, the user can scan barcodes or RFID tags and they will be shown on the main application window:



Of course, in real applications the developer will process the incoming data and not only show them on the screen.

1.6. Autoconnect feature

By default, the BaracodaManager activates the autoconnect feature to automatically reconnect a reader after the connection is lost (either due to the reader timing out or moved out of the phone's Bluetooth range). If the reader is set to work in no data loss mode, the barcodes read when the reader was disconnected will be resent to the application when the reader is reconnected. In result, the user will experience no data loss.

1.7. Disconnecting Baracoda Bluetooth barcode readers

Finally, in order to disconnect the currently connected reader, the user should select the "Disconnect" option from the main menu:



When the reader has been disconnected, this menu option will be renamed back to "Connect".