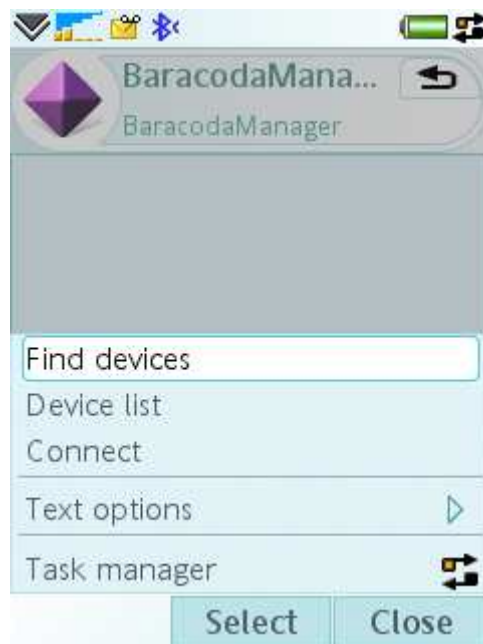


# BaracodaManager J2ME for SonyEricsson phones User Guide

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## SUMMARY

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## 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 SonyEricsson** phones can be used on all models that support Bluetooth. It is an example application included in the **Baracoda Java SDK for SonyEricsson** 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 SonyEricsson** 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 SonyEricsson** 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 SonyEricsson phones Installation Guide.

### 1.1. Activating Bluetooth

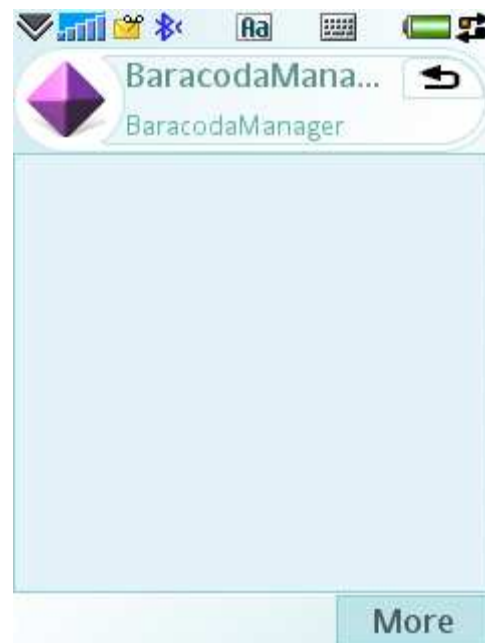
Before starting the BaracodaManager application, the user should make sure that Bluetooth has been activated on the phone. Please refer to the phone's manual for instructions on how the Bluetooth interface can be activated.

### 1.2. Launching BaracodaManager

In order to launch the BaracodaManager, the user should find its icon in the appropriate Applications folder. The first picture below shows the BaracodaManager shortcut on a SonyEricsson M600i phone:



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



At the bottom of the window, the user can see the “More” button that opens the application menu:



### 1.3. Finding Baracoda Bluetooth barcode readers

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



When the Bluetooth device inquiry has been finished, the user will be shown a list of all active Baracoda Bluetooth barcode readers:



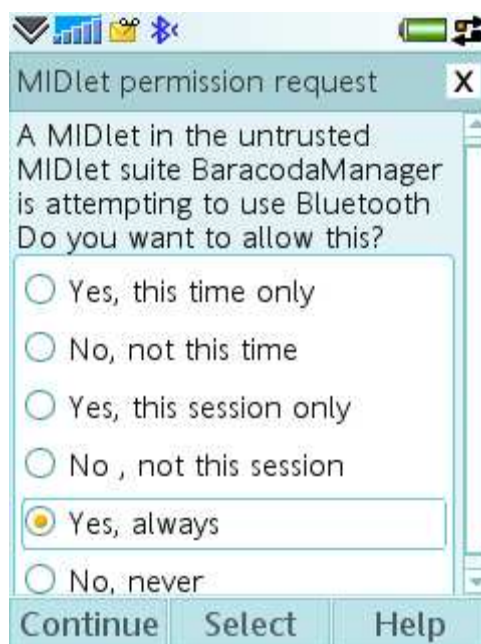
The second menu option, “Device list” can be used to get back to the screen showing the devices found the last time a Bluetooth device inquiry was launched (screenshot above).

#### 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:



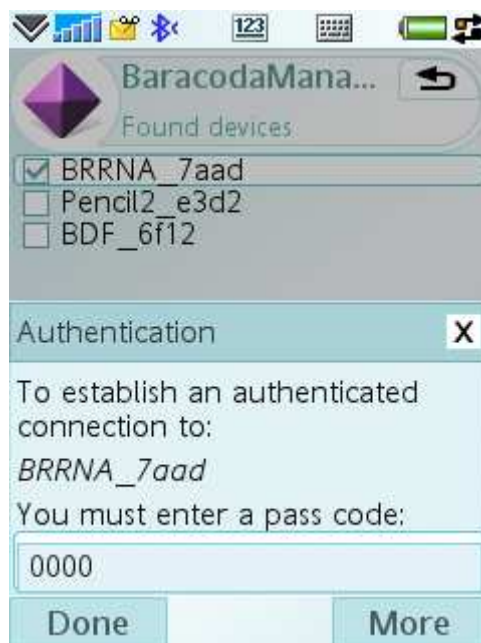
When a connection to a Baracoda Bluetooth barcode reader is launched, the phone's operating system shows the following information message:



The user should answer “Yes, always” 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:



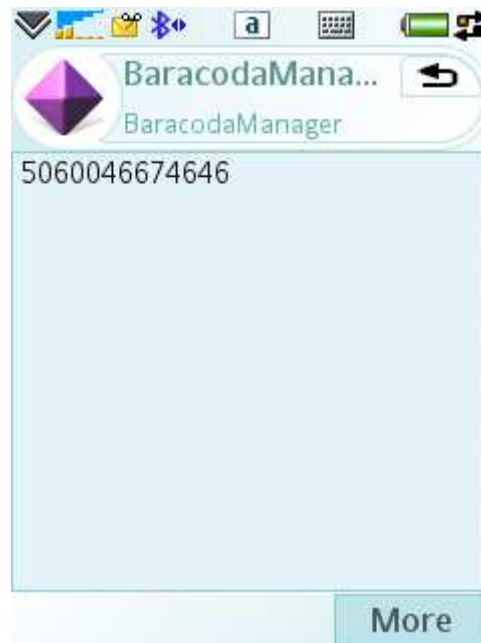
When the connection has been completed, the main application window shows the selected reader model:



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:



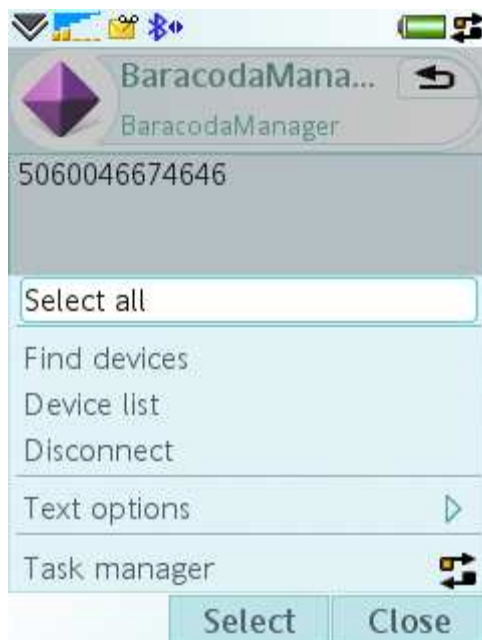
Of course, in real applications the developer will process the incoming data and not only show them on the screen.

### 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”.