

RT_Android_Bluetooth_SDK Demo Manual

1. Brief Introduction

RT_Android_Bluetooth_SDK is a software development kit, which developed by Xiamen Rongta Technology for its Android users to have their secondary development. It communicates with printer by blue tooth.

2. Function of Rongta SDK System

RT_Android_Bluetooth_SDK supply integrated mobile printing, including blue tooth connection, character printing and image printing, Barcode printing and offering multiple printing functions, which covers most customers' demand. Its character print support Double width, Double height, Underline, Small font, Bold and Reverse Type. Android programmer can find it convenient to reengineer through reading development document of RT_Android_Bluetooth_SDK and referring to Demo of RT_Android_Bluetooth_SDK.

3. Introduction of RT_Android_Bluetooth_SDK

3.1. Software package

com.RT_Printer.BluetoothPrinter.BLUETOOTH

3.2. Class

Class Name	Discription
BluetoothPrintDriver	Bluetooth connection and printer cooperation

For more details, please check the development document of RT_Android_Bluetooth_SDK

4. Rongta SDK application illustration

An Android's development environment, that is JDK+Eclipse+Android SDK, should be firstly established, before using this SDKs. After successful establishment, choose "Propertise" in the right-click menu of Project in Application. In the submenu of " Libraries " -- " Java Build Path " , choose " Add External JARs... " to add " RT_Android_Bluetooth_SDK.jar. " in application program,then add as following:

```
Import com.RT_Printer.BluetoothPrinter.BLUETOOTH.BluetoothPrintDriver;
```

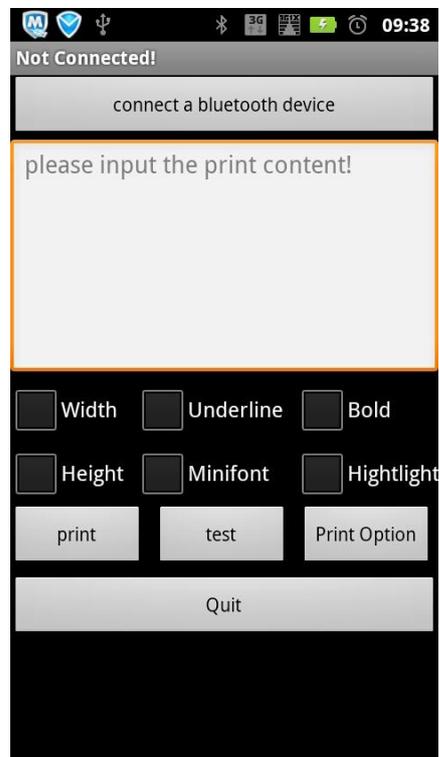
5. RT_Android_Bluetooth_SDK Demo's Direction for Use

5.1 Installing Demo

Copy *BluetoothPrinter.apk* to the SD card of mobile phone or PAD that carried Android, open the document and install it. After that, logo  could be found in the application program in the phone or PAD.

5.2 The instruction of Demo and its operation interface

Click the Bluetooth logo to start Demo, then operation interface will be the same as follow in Picture 1:



Picture 1 The operation interface after start

Click to connect the Bluetooth. Scan the around Bluetooth printer and try to connect the paired device one. Pls check as below Picture 2:



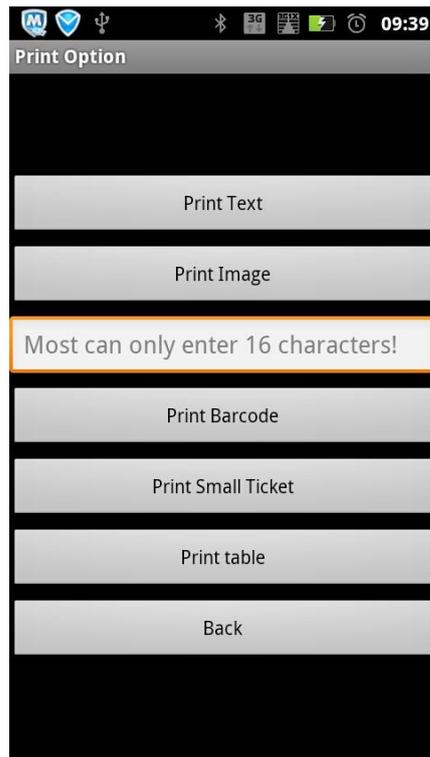
Picture 2 Connecting and scanning

Click " Scan " Device to add new device to the list. Click the paired device, it will connect directly and if not the paired ones, then there will show a dialog box, which ask you to pair fist. Input 0000 to the dialog box then the printer and phone will connect automatically after successful matching.

Printing could be started through phone or PAD after successful connection. Input what you want to print and click " *print* ", then the input will be printed out. Also printing mode can be changed via choosing Double width, Double height ,Underline, Small font, Bold and Highlight.

Click " Test " to print the self-test page

Click " Pint Option " , interface will be as Picture 3



Picture 3 Print options interface

Several printing function could be found in printing option.

Click " Print Text " to print text.

Click " Print Picture " to print pictures.

Input barcode commands you need click " Print Barcode " to print it.

Click " Print Receipt " to print the restaurant receipts

Click " Print Table " to print express table

Click " Back " to return to the main page.