

Android-SDK DEMO Instruction

V2.3

一、 Introduction of system

Android-SDK is a software development kit that are used to secondary development of printer, which is provided for customers. It uses Bluetooth communication protocol, and intended to be used application development of Android smart device that have BLUETOOTH interface, such as HTC, Motorola, Samsung and other brands of mobile phones and Android system Tablet. This SDK is basis on the ESC/POS command standard, printer with Bluetooth devices are suitable for the printing of the system device. Typical application of Bluetooth phones and portable printer constitutes mobile printing Terminal. That is widely used in the areas of mobile printing requirements.

二、 Function of system:

Android-SDK provides complete mobile printing capabilities, include Bluetooth connectivity, character Print, and graphic printing Etc. Android-SDK printing feature-rich, covers the vast majority of printing needs of users. You can print italic, bold, underline, strikethrough, lines, rectangles, circles, and the basic characters and graphics, and easy to print forms and notes.

System provides a detailed description of each function and use of sample, as long as there is a certain experience in the development of Android programmers can easily use.

三、 Module of system

1. SDK name: com.printer.bluetooth.android
2. Class library name::

| Class Name | Discription |
|------------------------------|---|
| BluetoothDiscover | Find the printer device which has paired. |
| BluetoothPrinter.PrinterType | Printer Type Enum. |
| BluetoothPrinter | Pinter control and print class. |
| FontProperty | Print custom image use this class to set font when you use on canvas. |
| PrintGraphics | Print custom image which you draw it by yourself. |

For more information, please see the SDK development document.

四、 Apply of SDK

1. copy AndroidSDK.jar to project;
2. Import package “com.printer.bluetooth.android.*”;
3. Usage of function sees development manual.

五、 How to use PrinterSDKDemo_Plus

We provide a PrinterSDKDemo_Plus application, the install and run method is:

1. Copy PrinterSDKDemo_Plus.apk to the SD card, click and install; wait for install complete, you can see the application icon in application list.;
2. Click application icon to start application.
3. The application layout :

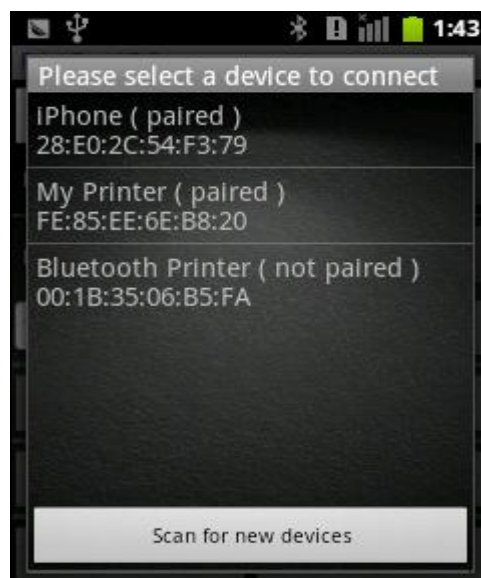


Click “open connection” or click menu key, select "Open connection ", then the app will pop-up a list of Bluetooth devices which has paired. And the list contains a button for scan new devices.

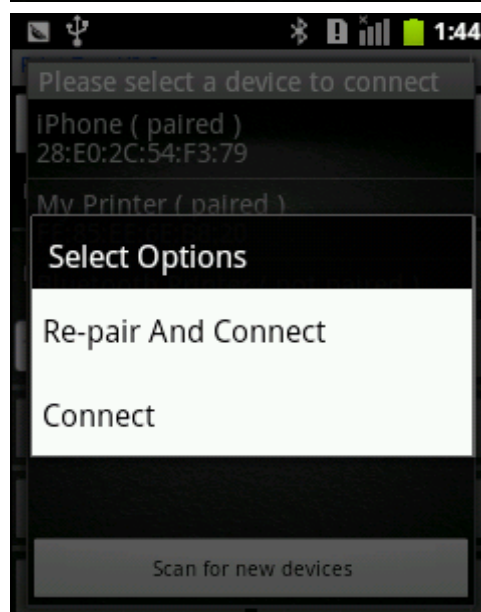


The Bluetooth devices which had paired were displayed in the list.

If the device is not paired, click "scan for new devices" to scan the new Bluetooth devices.



Equipment displayed in the list and click the printer which you want to connect or long press and then select "connect" to connect. Unpaired devices will pop up the pairing password input box, when your input is completed, the connection will be completed automatically.



If the devices are paired, but cannot connect, can long press the device you want to connect in the list, and then select the "re-paired and connected" in the pop-up menu.

4. Click “open connection” or press menu first and then click “open connection”, If choose a new device, you need open pair notification and input 1234 or 0000(detail value depends Bluetooth printer’s password), then click ok, wait for a moment, the application will connect the printer automatically.

If the devices are paired, but cannot connect, can long press the device you want to connect in the list, and then select the "re-paired and connected" in the pop-up menu.

5. Click “print text” enter to the text edit interface, you can input text and print.

Click “print image” or “print custom image” to print a monochrome image or a custom image.

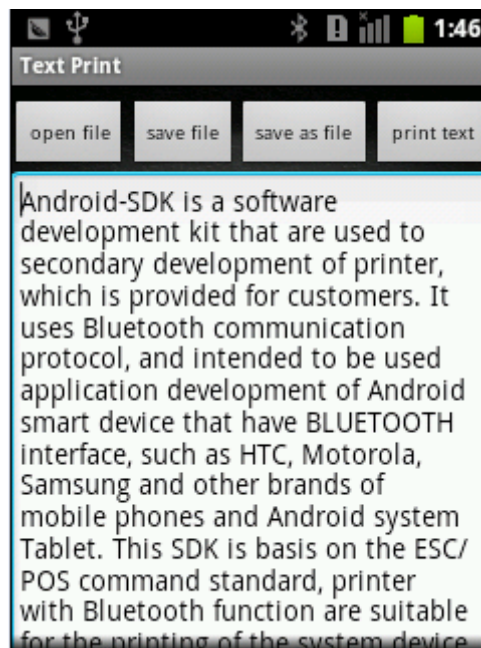
Input bar code and click “print bar code” to print bar code.

Click “print note” to print a supermarket note.

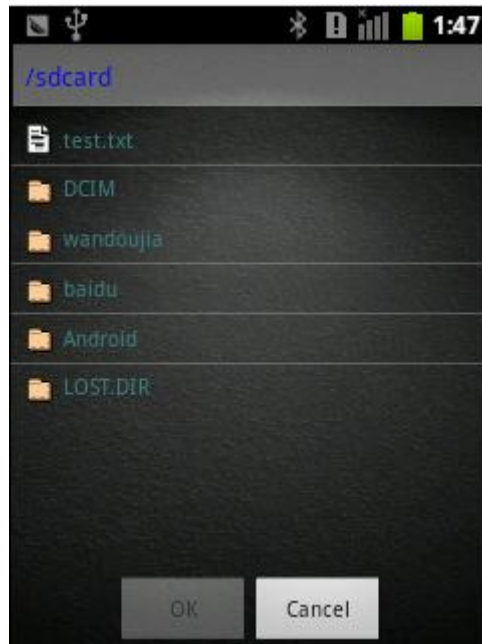
Click “print table” to print a table data.

Click “print title” to print three form titles.

Click “print text” into the text edit interface as.



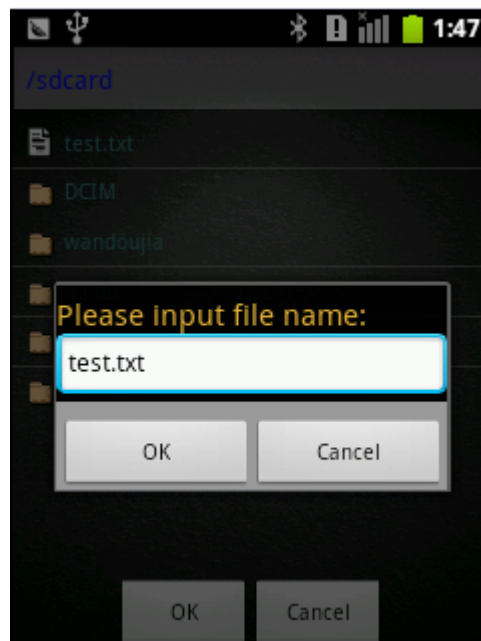
Document chooser interface is as follows when opening the file, this application support the editing and storing of .txt and .log files.



When click any .txt file, the consent will be loading to the former document chooser.

The cancel button will return to text edit interface.

The saving operation will be completed in the editing interface when the file exists. If not exist, or perform a operation of saving as, it will enter the following interface: after choosing the content and click OK, it will shows to let users input the name of file which you wanted to save, or click any file that have existed, it will eject a text that notice you to edit the name of file. It support the names of .txt and .log when saving; or user could not specify a suffix, the system will auto save .txt file in this circumstances.



Click here to input file name, then click “OK” to completing