RT_Android_Bluetooth_SDK Development Document

1. Brief   Introduction

    1.1 Software package

      com.RT_Printer.BluetoothPrinter.BLUETOOTH

    1.2 Class:

Class Name	Discription
BluetoothPrintDriver	Connection operation between blue tooth and printer

2. Method provided by Bluetooth Print Driver

◆ Method to connect blue tooth

    2.1 Connect blue tooth printer

      public static boolean OpenPrinter(String BDAddr);

      param:: BDAddr：MAC address of portable blue tooth printer

    The returned value: true： succeed to connect

                          false： fail to connect

    2.2 close blue tooth connection

      public static void close();

    disconnect with bluetooth devices

    2.3 Judging the state of blue tooth

      public static boolean IsNoConnection();

      The returned value: true: closed

                     false: connect

    2.3.1   Related methods：

      2.3.1.1   initializing printing

    public static void Begin();

    reset the printer and clean up buffer

    2.3.2   input data

      2.3.2.1 public static void ImportData(byte[] data,int dataLen);

    Param: data：The data content

                 dataLen：Length of the data

      2.3.2.2 public static void ImportData(String dataString)

Parameters   dataString：Print a string data

    2.4   Print and linefeed command

      public static void LF();

Add a "print and linefeed" command in data

2.5　Send cache data

　　public static boolean excute();

Send data to printer and start to print

2.6　Clear up data

　　public static void ClearData();

　　perform excute() then perform ClearData() to empty buffer

◆　Method to setup character parameters

2.7 Set up character size

　　public static　void SetZoom(byte param);

　　param：0x00 - default

　　　　　　0x01 - double height

　　　　　　0x10 - double width

2.8 Choose character font

　　public static　void SetCharacterFont(byte param);

　　param：0x00 or 0x30 – choose Font A（12*24）

　　　　　　0x01 or 0x31 – choose Font B　（9*17）

2.9 Configure /remove underline

　　public static　void SetUnderline(byte param);

　　param：　0x00 or 0x30 - remove underline

　　　　　　　0x01 or 0x31 - configure underline mode　（1 point thick）

　　　　　　　0x02 or 0x32 - configure underline mode　（2 point thick）

2.10 Configure or remove Bold

　　public static　void AddBold(byte param);

　　param：0x00 - remove bold print

　　　　　　0x01 - Configure bold print

2.11 Configure/ remove inverse print

　　public static　void AddInverse(byte param);

　　param：0x00 - remove inverse printing mode

　　　　　　0x01 - configure inverse printing mode

2.12 Set the line spacing

　　public static　void AddAlignMode(byte param);

　　param：0x00 or 0x30 - left justifying

　　　　　　0x01 or 0x31 - center

　　　　　　0x02 or 0x32 - ritht justifying

◆ Special printing method

 2.13 Barcode printing

public static void AddCodePrint(int CodeType, String data);

param： CodeType：Bar code type,now support *Code128_B*

data：bar code data

 2.14 Image printing

public static void printImage();

Printing a specific image