

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 BDAAddr);
```

param:: BDAAddr: 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 - right 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