

New project, copy library file into project libs file (SO file can not be added without serial port):

printersdk.jar;
arm64-v8a directory;
armeabi-v7a directory;
x86 directory;
x86_64 directory.

Add permissions:

Add the following permissions to the **AndroidManifest.xml**:

```
<uses-permission android:name="android.permission.BLUETOOTH" />  
<uses-permission android:name="android.permission.ACCESS_FINE_LOCATION" />  
<uses-permission android:name="android.permission.ACCESS_COARSE_LOCATION" />  
<uses-permission android:name="android.permission.BLUETOOTH_ADMIN" />  
<uses-permission android:name="android.permission.INTERNET" />  
<uses-permission android:name="android.permission.CHANGE_NETWORK_STATE" />  
<uses-permission android:name="android.permission.ACCESS_NETWORK_STATE" />  
<uses-feature  
    android:name="android.hardware.usb.host"  
    android:required="true" />
```

Connect printer:

The Printer SDK mainly provides BluetoothPort, UsbPort, EthernetPort, and SerialPort to connect to printers

BluetoothPort :

Methods:

BluetoothPort(String macAddress)

parameter:

macAddress: Bluetooth Mac Address

EthernetPort(String ip,int port)

parameter:

ip : ip address of the printer

port : port number of the printer

UsbPort(Context context,UsbDevice usbDevice)

parameter:

context : Application context

usbDevice : USB device to be connected

SerialPort(String path,int baudrate,int flag)

parameter:

path : Serial port number

Baud rate : Baud rate of printer

flag

Methods:

boolean openPort()

return:

true -Indicates that the port is opened successfully

false -Indicates that the port fails to be opened

boolean closePort()

return:

true -Indicates that the port is closed successfully

false -Indicates that the port fails to be closed

int readData(byte[] buffer)

parameter:

buffer -A buffer that reads data

return: The total number of bytes read into the buffer, or -1 if none

void writeDataImmediately(Vector<Byte> data)

parameter:

data -Data that needs to be sent to the printer

void writeDataImmediately(Vector<Byte> data,int offset,int len)

parameter:

data -Data that needs to be sent to the printer

offset -The starting position to read from data

len -The length obtained from data