

---

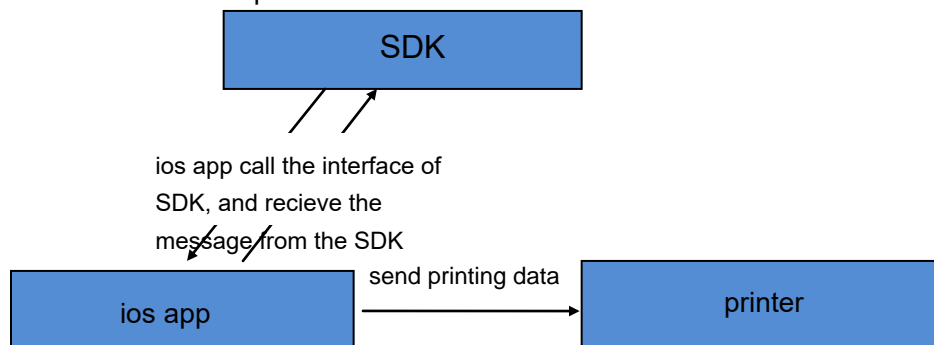
## 一. Overview

- The SDK is used for developing ios APP, you can use bluetooth and wifi to connect printer, and print.
- Import SDK

Drag the folder of PrinterSDK to project.

## 二. Diagram

- Your ios App call the interface of SDK(for example the interface of connect printer by bluetooth), and receive the message from the SDK(for example the connected notification of printer). The ios app can call the interface of printing text, and then send text to the print.



## 三. Class

### ➤ Class PrinterSDK

#### ✧ Event

Field	Description
PrinterConnectedNotification	After the printer is connected, the notification will be trigger.
PrinterDisconnectedNotification	After the printer is disconnected, the notification will be trigger.

#### ✧ Method

##### a. defaultPrinterSDK

Function: + (PrinterSDK\*)defaultPrinterSDK;

Discription:

Get the instance of the printer

Return:

The instance of the printer

---

b. scanPrintersWithCompletion

Function: `-(void)scanPrintersWithCompletion(PrinterScanPrintersCallback)callback;`

Discription:

Scan the printer via bluetooth

Parameter:

callback: The callback of discovering the print

c. stopScanPrinters

Function: `-(void)stopScanPrinters;`

Discription:

Stop scanning printer via bluetooth

d. connectIP

Function: `-(BOOL)connectIP:`

`(NSString*)ipAddress;` Discription:

Discription

Connect to printer via wifi

Parameter:

ipAddress: The IP address of the printer

Return:

ifsuccessful,returntrue if

failed, returnfalse

e. connectBT

Method: `(void)connectBT:(ZJPrinter*)printer;`

Discription:

Connect to the print via bluetooth Parameter:

printer: the instance of the printer

f. disconnect

Function: `-(void)disconnect;`

Discription:

Diconnect the printer

g. setPrintWidth

Function: - (void)setPrintWidth:

(NSInteger)width; Discription:

Set the width of

printer Discription:

width: The width of printer

h. printText

Function: - (void)printText:

(NSString\*)text; Discription:

Print

text

Discription:

text: The text for printing

i. printTextImage

Function: - (void)printTextImage:

(NSString\*)text; Discription:

Print text by image

way Discription:

text: The text for printing

j. sendHex

Function: - (void)sendHex:

(NSString\*)hex; Discription:

Send the hex

command Discription:

hex: The hex command

k. printCodeBar

Function: - (void)printCodeBar:(NSString\*)text type:(CodeBarType)type;

Discription:

Print the codebar

Parameter:

text: The codebar value

type: The codebar type

CodeBarType\_UPC\_A: UPC\_A

CodeBarType\_UPC\_E: UPC\_E

CodeBarType\_JAN13: JAN13

CodeBarType\_JAN8: JAN8

CodeBarType\_CODE39: CODE39

CodeBarType\_ITF: ITF

CodeBarType\_CODABAR: CODABAR

CodeBarType\_CODE93: CODE93

CodeBarType\_CODE128: CODE128

---

l. printQrCode

Function: - (void)printQrCode:(NSString\*)text;

Description:

Print the qrcode

Parameter:

text: The qrcode value

l. printImage

Function: - (void)printImage:(UIImage\*)image;

Description:

Print the image

Parameter:

image: The image

m.cutPaper

Function: - (void)cutPaper;

Description:

Cut paper

n.beep

Function: - (void)beep;

Description:

Beep

o. openCasher

Function: - (void)openCasher

Description:

Open cashier

p. setFontSizeMultiple

Function: - (void)setFontSizeMultiple:(NSInteger)multiple;

Description:

Set the multiple of font size

Description:

multiple: The multiple of font size

q. printTestPaper

Function: - (void)printTestPaper;

Description:

Print test paper

---

q.selfTest  
Function: - (void)selfTest;  
Discription

Self test

### 三. Demo

For detail, refer to PrinterDemo; SDE: XCode