The printing service development document

1. Using AIDL to your project
   1. Import PrinterInterface.aidl to you Application
   2. Use the following codes to bind printing service Intent intent = new Intent();

intent.setClassName("recieptservice.com.recieptservice", "recieptservice.com.recieptservice.service.PrinterService"); bindService(intent, new ServiceConnection(), Service.BIND\_AUTO\_CREATE);

* 1. After bond, start to use the interfaces of printing service.

1. Using Jar to your project
   1. Import the jar to your project
   2. Call the function from the jar:

SrPrinter. bindPrinter(Context context ,ServiceConnection serviceConnection);

1. Interfaces
   1. Get the version of printing service

|  |  |  |
| --- | --- | --- |
| Prototype | String getServiceVersion () | |
| Function | Get printing service version number | |
| Paramaters | input  parameters | None. |
| Return value | The version number of the current printing service | |
| Remarks |  | |

* 1. Print string text

|  |  |  |
| --- | --- | --- |
| Prototype | void printText(String text) | |
| Function | Print string text | |
| Paramaters | input  parameters | Text to be printed |
| Return value | None. | |
| Remarks |  | |

* 1. Print pictures.

|  |  |  |
| --- | --- | --- |
| Prototype | void printBitmap(Bitmap pic) | |
| Function | print pictures | |
| Paramaters | input  parameters | pic：Bitmap picture to be printed |
| Return value | None. | |
| Remarks |  | |

* 1. Print barcode

|  |  |  |
| --- | --- | --- |
| Prototype | void printBarCode(String data, int symbology, int height, int width) | |
| Function | Print barcode | |
| Paramaters | input parameters | data：Barcode content symbology：Barcode Type   1. -- UPC-A 2. -- UPC-E   2 -- JAN13(EAN13)   1. -- JAN8(EAN8) 2. -- CODE39 3. -- ITF 4. -- CODABAR 5. -- CODE93   8 -- CODE128  height：Bar code height（1-255, default: 162）  width：Bar code width（2-6 default: 2） |
| Return value | None. | |
| Remarks |  | |

* 1. Print QR code

|  |  |  |
| --- | --- | --- |
| Prototype | void printQRCode(String data, int modulesize, int errorlevel) | |
| Function | Print QR code | |
| Paramaters | input parameters | data：QR code content  modulesize：QR code block size（1-16）  errorlevel：Error correction level of QR code（0-3） |
| Return value | None | |
| Remarks |  | |

* 1. Print form

|  |  |  |
| --- | --- | --- |
| Prototype | void printTableText(String[] text, int[] weight, int[] alignment) | |
| Function | Print form | |
| Paramaters | input parameters | text：form content weight：Row width weight  alignment：Alignment direction of each line |
| Return value | None | |
| Remarks |  | |

* 1. Print Epson instructions

|  |  |  |
| --- | --- | --- |
| Prototype | void printEpson(byte[] data) | |
| Function | Print Epson instructions | |
| Paramaters | input  parameters | data：Instruction data |
| Return value | None | |
| Remarks |  | |

* 1. Set font size

|  |  |  |
| --- | --- | --- |
| Prototype | void setTextSize(float textSize) | |
| Function | Set font size | |
| Paramaters | input  parameters | textSize：font size |
| Return value | None | |
| Remarks |  | |

* 1. Set font bold

|  |  |  |
| --- | --- | --- |
| Prototype | void setTextBold(boolean bold) | |
| Function | Set font bold | |
| Paramaters | input  parameters | bold：the flag whether bold is enable or not. |
| Return value | None. | |
| Remarks |  | |

* 1. Set alignment

|  |  |
| --- | --- |
| Prototype | void setAlignment(int alignment) |
| Function | Set alignment |

|  |  |  |
| --- | --- | --- |
| Paramaters | input  parameters | alignment：0 Left 1 Center 2 right |
| Return value | None. | |
| Remarks |  | |

* 1. Print blank line

|  |  |  |
| --- | --- | --- |
| Prototype | void nextLine(int line) | |
| Function | Print blank line | |
| Paramaters | input  parameters | line：How many blank lines to print |
| Return value | None. | |
| Remarks |  | |

Appendix

If you encounter problems during the development process, you can contact technical support personnel to provide relevant help.