

A program to send ESC/POS commands to a usb device

All this program (./pyprint) does is send out basic ESC/POS commands to a printer connected over usb, with the use of external libraries.

Pre-Requisites

For this program, you will need:

- python-escpos - <https://github.com/python-escpos/python-escpos>
- pyusb - <https://github.com/walac/pyusb>
- Pillow - <https://github.com/python-pillow/Pillow>
- python-qrcode - <https://github.com/lincolnloop/python-qrcode>
- pyserial (for serial devices) - <https://github.com/lincolnloop/python-qrcode>
- python-barcode - <https://github.com/WhyNotHugo/python-barcode>

Usage

pyprint [-h] [-q] [-i] [-b] [-nc] Content

-h : Displays the help message

-q : Encodes "Content" inside a QR code and prints it

-i : Takes a file path from "Content" to an image and print it (gets a bit dodgy with large images)

-b : Encodes "Content" inside a barcode (CODE128) and prints it. It will also print the encoded text below the code

-nc : Pass to not carriage return and cut the paper after printing

Content : The file/text you want to be printed/encoded

notes

- By default, will just print out Content with standard line wrapping
- [-i] and [-q] cannot be passed at the same time, you cannot encode an image in a QR code
- [-i] and [-b] cannot be passed at the same time, you cannot encode an image in a Barcode
- [-b] and [-q] cannot be passed at the same time, you cannot print both off at once
- The max string length for barcodes is 8 characters
- If [-nc] is passed as well as [-q] or [-b], they will both override [-nc] as they require properly finishing the print