Generating QR Codes

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Figure 1: QR Code

`qrencode`

WiFi QR Codes

Replace `ssid` and `password` with the appropriate values.

```
qrencode -o qr.png "WIFI:T:WPA;S:ssid;P:password;;"
```

URLs

```
qrencode -o qr.png "https://example.com"
```

Printing

I have a Brother HL-L2300D laser printer which has a native print resolution of 600 DPI. I'd like to be able to print my QR code on a standard US letter-size piece of paper. According to

the manual, the minimum margins on the Brother HL-L2300D are 0.16”, so I figure an 8” QR code gives me 0.25” of margin, which[1] is plenty. Dividied by 25, that’s 192 pixels per dot.

Generate the QR code:

```
qrencode -o qr.png -s 192 -m 0 -d 600 "whatever"
```

`-s` Size of each dot in pixels
`-m` Margin in dots
`-d` DPI
`-o` Output file

And print it:

```
lpr qr.png
```

[1] I have a Brother HL-L2300D laser printer1 which has a native print resolution of 600 DPI. I’d like to be able to print my QR code on a standard US letter-size piece of paper. According to the manual, the minimum margins on the Brother HL-L2300D are 0.16”, so I figure an 8” QR code gives me