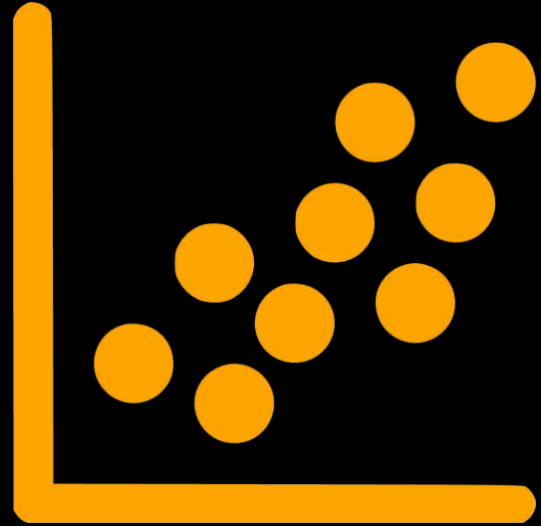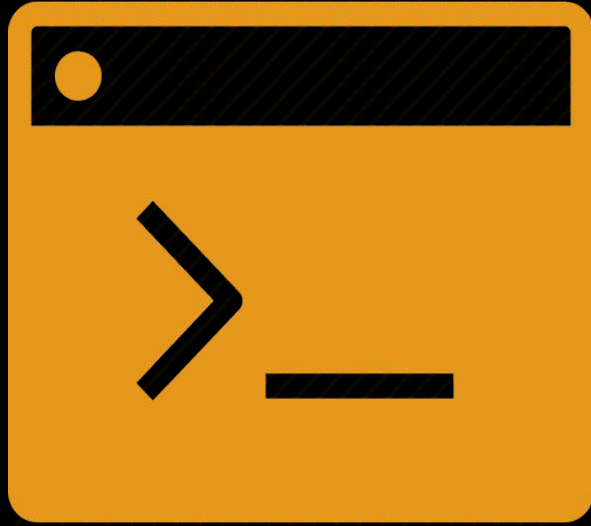# Termino-Visual

A terminal app for generating scatterplots

Josh Teperman and Andrew Sims, 2019

THE INITIAL IDEA

Plotting graphs in the terminal
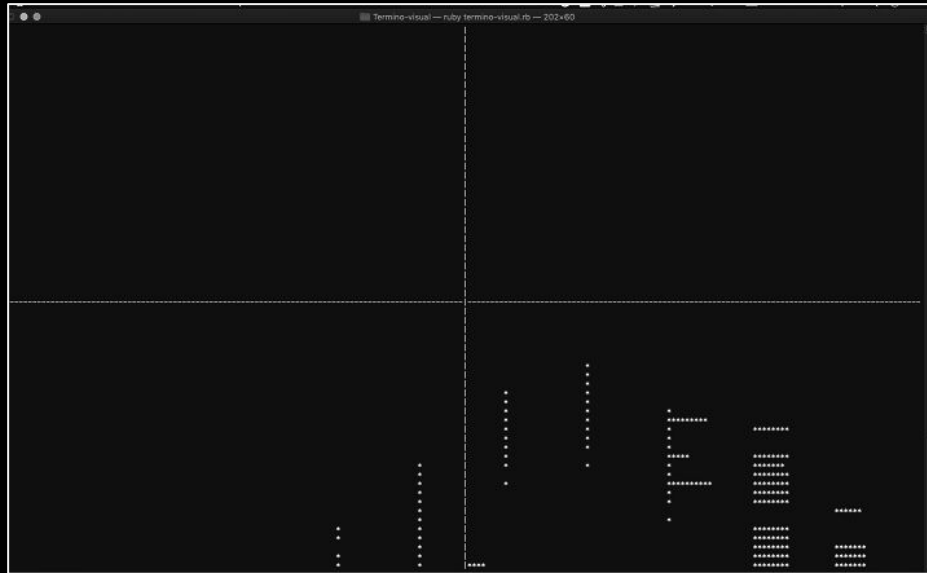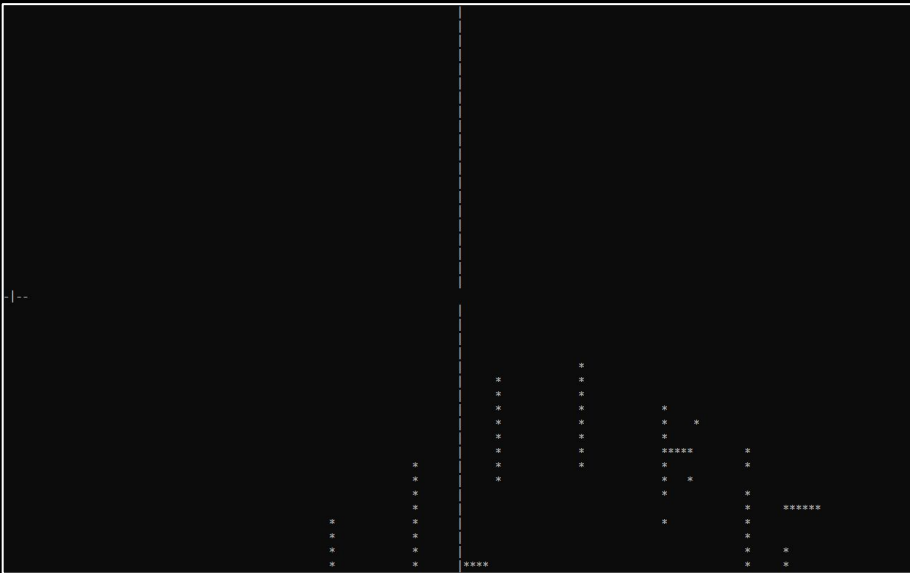
PLAN

We wanted the program to:

- ○ Read data from CSV
- ○ Parse it as a set of (x, y) coordinates
- ○ Print these to screen as a scatterplot

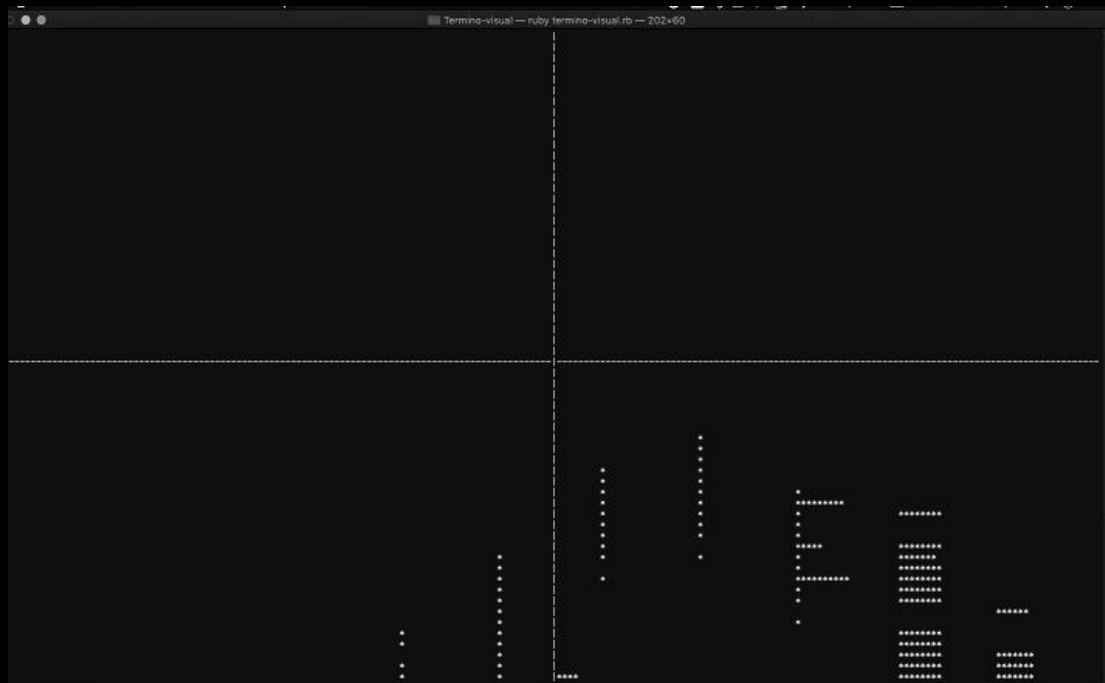| CLI & ERROR HANDLING	→	DATA TRANSFORMATION	→	VISUALISATION

CHALLENGES

Compatibility across machines

CHALLENGES

Scaling the values to different screens
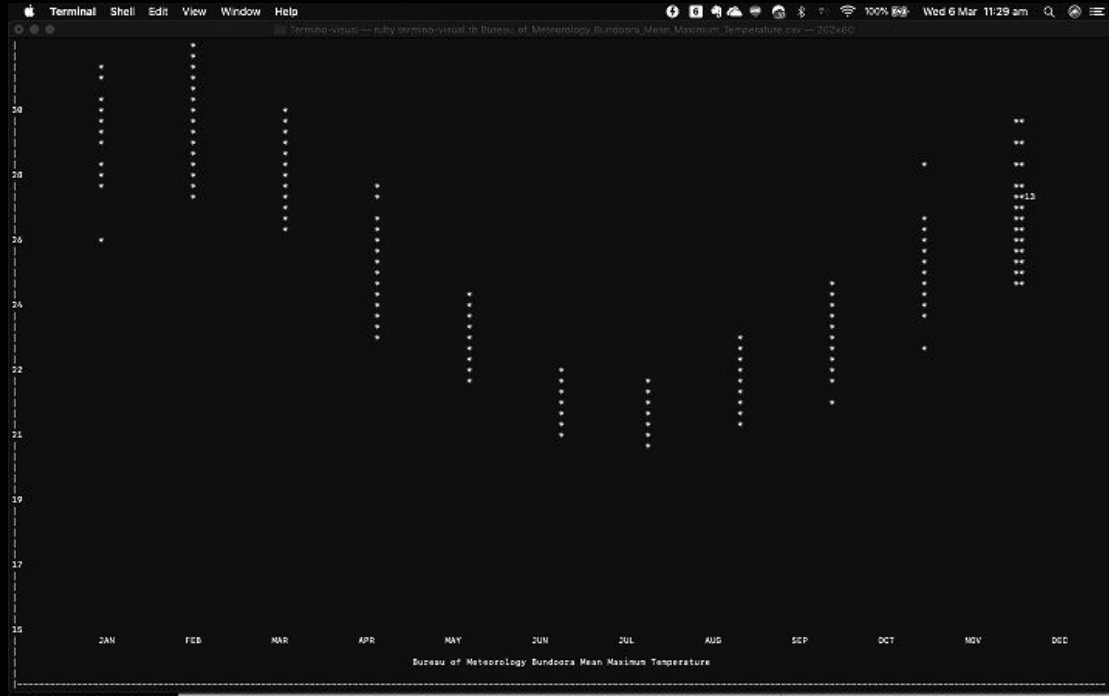
CHALLENGES
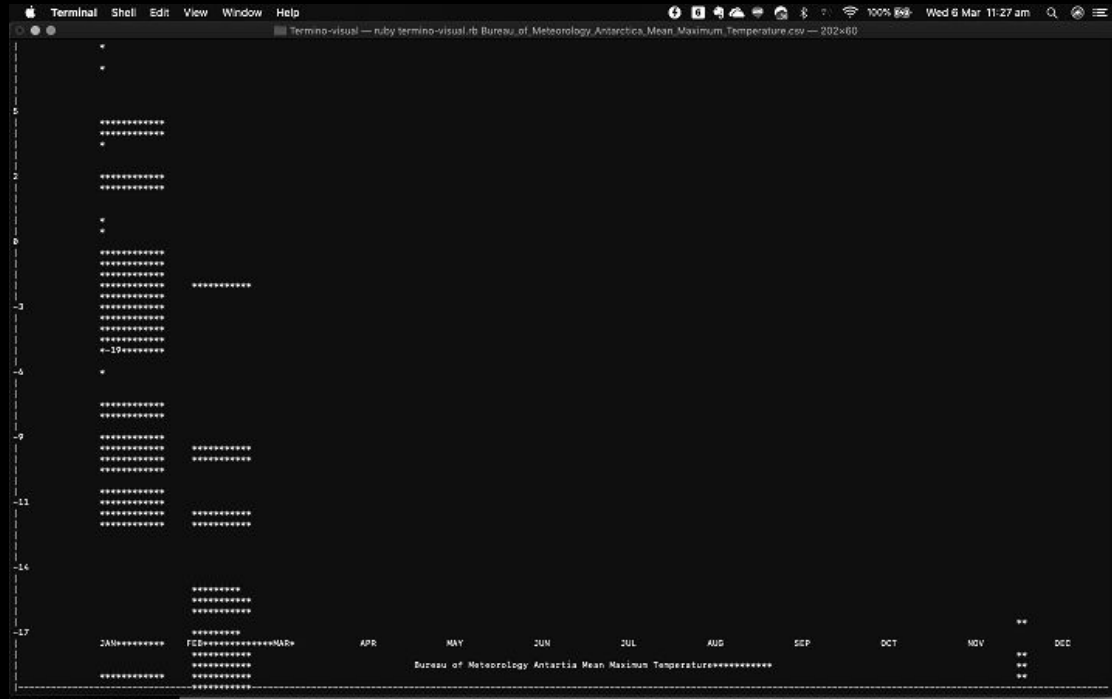

Scaling the values to different screens

CHALLENGES

Inverted visualisation

CHALLENGES

Inverted visualisation

REMAINING CHALLENGES

Cold Climates

REMAINING CHALLENGES

```
 7    07,13.1
 8    08,15.3
 9    09,18.1
10    10,20.1
11    11,22.9
12    12,26.5
13    01,29.8
14    02,28.2
15    03,23.1
16    04,22.2
17    05,16.5
18    06,13.4
19    07,12.9
20    08,13.7
21    09,17.9
22    10,19.6
23    11,21.5
24    12,24.0
25    01,28.0
26    02,26.9
27    03,25.3
```

Limited file inputs