

## 2.11 BSD on PiDP-11

### Installing and using cool-retro-term on Raspbian

You need full Raspberry Pi OS, because cool-retro-term will only start properly on the desktop. It uses xwindows. I have it installed on a separate Raspberry Pi and am using ssh, but you should also be able to install it on the Raspberry Pi, on which PiDP-11 is running. In the second case you might have to disable some of the many effects to make sure that there is enough cpu power left for PiDP-11.

```
sudo apt install cool-retro-term
```

When you are done, start cool-retro-term for the first time

```
cool-retro-term
```

#### Fine Tuning:

- Make a cool-retro-term icon available on your desktop. Download Cool-retro-term.desktop from this repository and put it into ~/Desktop. It starts cool-retro-term in full screen mode. If you want a window instead, remove the -fullscreen on the exec line. To exit the full screen window, use <shift><ctrl>q
- If you are using vi in 2.11BSD or any other historical Unix distribution, it is essential that the terminal screen has exactly 24 lines. Right-click anywhere in the cool-retro-term window to get to the configuration menu, and use View->zoom in until it quickly shows that you have 24 lines.
- Maybe you do not like all effects, or you need to make sure that cool-retro-term uses less cpu power. Right-click anywhere in the cool-retro-term menu and use Settings->Effects to set the effects to your liking. Maybe you will also want to play around with all the other settings.
- Add simulation of baud rate using <https://github.com/rricharz/baudrate>