

linux cli live plot using gnuplot

thanks to [Horation Caine](#) for the essentials...

write data to `plot.dat` .. for example graph nvidia-smi delivered GPU temperature of a Tesla card:

```
while true; do echo -e "$(<plot.dat)\n##\t$(nvidia-smi | grep -A1 Tesla | tail -1 | awk '{print $3}' | tr -d C)" | tail -n 60 | awk '{print NR "\t" $2}' > plot.new && mv -f plot.new plot.dat && cat plot.dat; sleep 1; done
```

gnuplot script to display update a graph on the command line every second, save this to

```
set yrange [60:85]
set xrange [1:60]
set terminal dumb
plot "plot.dat" using 1:2 with lines
pause 1
reread
```

run the plot:

```
gnuplot liveplot.gnu
```

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