

Contents

1	setup	1
2	a couple tests	2

1 setup

- Created the following (saved to `~/Desktop/gnuplot-test/min-config`)

```
(add-to-list 'load-path "~/.elisp/org.git/lisp/")  
;;(add-to-list 'load-path "~/.elisp/org.git/contrib/lisp")  
(add-to-list 'load-path "~/.elisp/site-lisp")
```

```
(org-babel-do-load-languages  
'org-babel-load-languages  
'((gnuplot . t)))
```

- installed gnuplot (Arch linux repo)
- the pkg shipped with a `/usr/share/emacs/site-lisp/gnuplot.el`
 - I downloaded gnuplot-4.6.6 from the official site; it also contains `gnuplot.el`
 - I don't think downloading it elsewhere is necessary¹
- copied this file to `~/elisp/site-lisp` (which is in load-path above)

Ran this file as follows:

- `$ emacs -Q`
- `M-x load-file RET ~/Desktop/gnuplot-test/min-config`
- `C-x C-f ~/Desktop/gnuplot-test/gnuplot-test.org`
- Tried both on the contents in the next heading:
 - `C-c C-c` on each block, checking `.png` output
 - `C-c C-e 1 p` to export to Latex, which also worked

That's it!

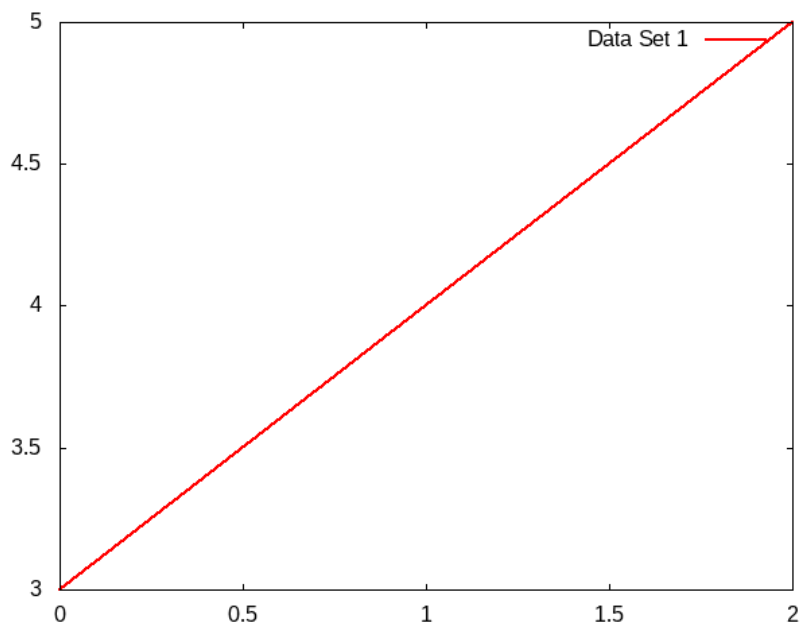
¹For example, googling "gnuplot.el" led me to <https://github.com/bruceravel/gnuplot-mode/>

2 a couple tests

table:

x	y1	y2
0	3	6
1	4	7
2	5	8

plot code



reset

```
set title "Putting it All Together"
```

```
set xlabel "X"
```

```
set xrange [-8:8]
```

```
set xtics -8,2,8
```

```
set ylabel "Y"
```

```
set yrange [-20:70]
```

```
set ytics -20,10,70
```

```
f(x) = x**2
g(x) = x**3
h(x) = 10*sqrt(abs(x))
```

```
plot f(x) w lp lw 1, g(x) w p lw 2, h(x) w l lw 3
```

