

Command of the day: ncd

July 19, 2016 / Gavin Jackson

command line

linux

ncdu

Just a quick one for today. Have you ever wondered where all of your disk space has gone on a remote linux box I sure have.

I'm a big fan of tools that provide a visual guide for disk space usage (treemap based products seem to be the best IMHO - Disk Inventory X for OSX (<http://www.derlien.com/>), Windirstat for Windows (<https://windirstat.info/>), Qdirstat for Linux (<https://github.com/shundhammer/qdirstat>).

But what happens when you only have a command line - well, it's usually back to using du and df (which don't really give you a pleasant break down of where all of your disk is being used).

Enter... ncd - a curses TUI that provides a visual representation of where all your disk is being used - it basically indexes a folder and allows you to drill down and see where all of your disk space is being used - perfect!

<https://dev.yorhel.nl/ncdu>

apt-get install ncd

```
ncdu 1.11 - Use the arrow keys to navigate, press ? for help
--- /home/gavin] -----
18.0 GiB [#####] /virtual machines
17.8 GiB [#####] /ubuntu-webapps-dev
12.3 GiB [#####] /work
10.7 GiB [#####] /ubuntu-cms-dr
10.4 GiB [#####] /bin
10.3 GiB [#####] /ubuntu-sso-dr
6.5 GiB [###] /ubuntu-sso-dev-old
6.3 GiB [###] /pgadmin
2.2 GiB [#] 9-4-backup-2
1.6 GiB [ ] /Downloads
1.4 GiB [ ] tree.tar
1.2 GiB [ ] build.tar
1.1 GiB [ ] /ubuntu-kvm
821.6 MiB [ ] /.cache
715.4 MiB [ ] CentOS-7.0-1406-x86_64-DVD.iso
586.9 MiB [ ] /sso-training
533.6 MiB [ ] /.config
520.9 MiB [ ] opt shibboleth-idp_3.tar
452.8 MiB [ ] /billing_engine_test_feb_2016
301.4 MiB [ ] /.PyCharm40
265.6 MiB [ ] /Music
253.1 MiB [ ] pycharm-professional-2016.1.3.tar.gz
252.4 MiB [ ] /.PyCharm50
231.8 MiB [ ] /.youtrack
224.4 MiB [ ] postgresql-prod-2015-09-27.sql.bz2
219.8 MiB [ ] /m2
217.1 MiB [ ] sso-training.tar.gz
173.2 MiB [ ] themes.tar
127.3 MiB [ ] postgresql-prod-zenkaidb-2015-09-27.sql.bz2
113.8 MiB [ ] /WebIde100
95.4 MiB [ ] /.PyCharm2016.1
65.0 MiB [ ] postgresql-prod-jasperserver-2015-09-27.sql.bz2
Total disk usage: 106.3 GiB Apparent size: 264.1 GiB Items: 835261
```

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