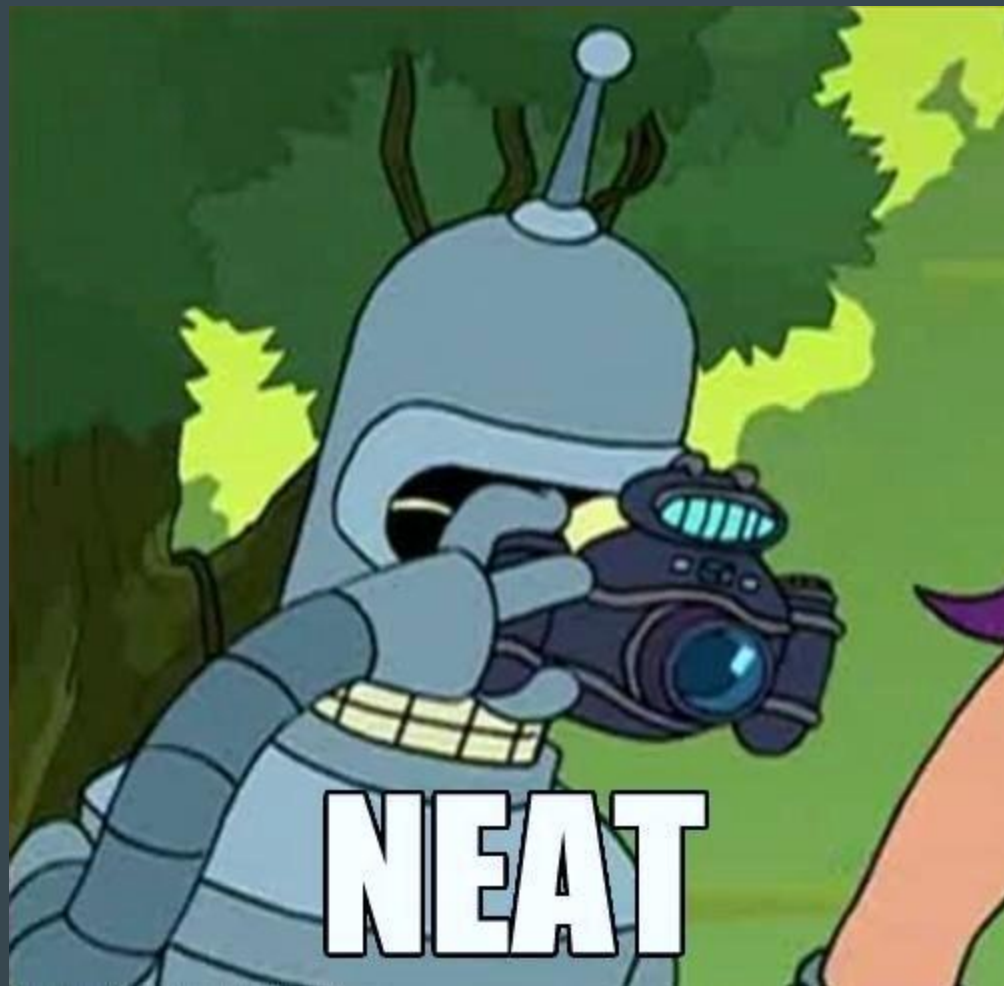# Cool Services

...

NEAT

GOGS

- Go Git Server
  - Your own personal Github!
  - Gogs.io
    - Might be in your package manager
- Super easy to set up
  - Install it, install a database (if you're not using sqlite), and edit the config file
  - Protip: If you want it to run on port 80, you need to either proxy it through a webserver or give it permission to run on 80 with `setcap 'cap_net_bind_service=+ep' /usr/share/gogs/gogs`
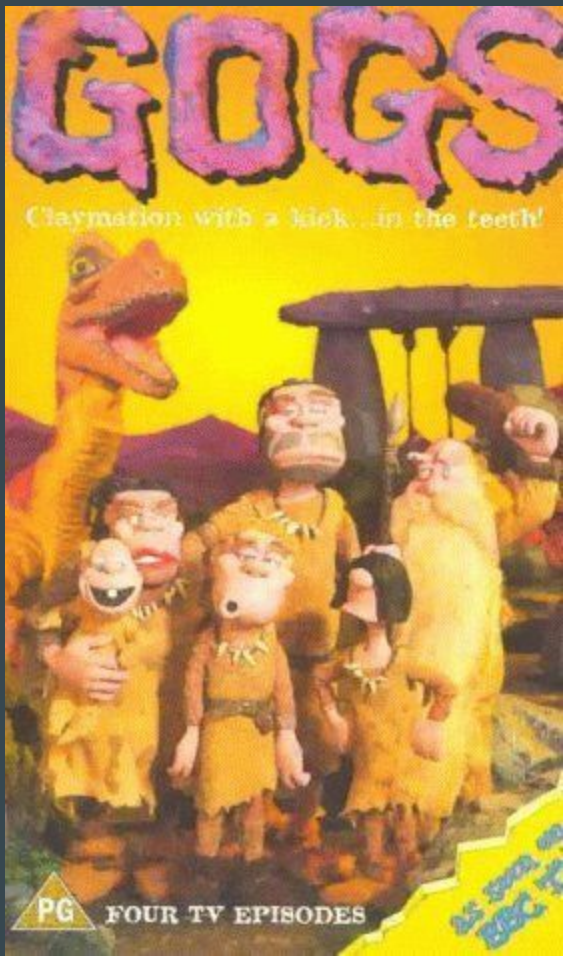
Result of searching GOGS on Google Images (image from IMDB)

Plex

- Not open source, but free to use with premium features available

- Media server software with Chromecast support, web UI, and apps
  - Supports music, video, photos (and photo sync from your phone)
  - Remote access through Plex's cloud with an account
  - DLNA support so devices recognize it as a media server and can browse your library

- Super easy to set up; Install it and set it up from the web UI

- Available at plex.tv (with Linux setup instructions, and in the AUR)

Emby

- FOSS alternative to Plex, again with paid premium features
  - I prefer Plex; it seems to work better but your mileage may vary. I find Emby to be slow.

- Once again, Chromecast support, web UI, and apps
  - Remote access through Emby's cloud (presumably you could run your own)
  - Supports all manner of media

- Available at emby.media, possibly in your package manager
  - Also super easy to set up, install it and set it up from the web UI

Owncloud

- Personal file sync and share and collaboration
  - Pretty much everything you'd expect; mobile apps, desktop client, photo sync, etc

- Grab it at owncloud.org, and likely in your package manager
  - Owncloud.org has a demo set up to play with

Ghost

- Lightweight blog platform written in Node

- They're like a super lightweight, streamlined Wordpress
  - They also provide blog hosting, but it's kind of expensive
    - But that's okay, because you can just host it yourself since it's FOSS

Ajenti

- Server monitoring and control web panel
  - Because if you're running a server, you might want to see what it's up to
    - Yes you can do this from the command line but it's less shiny

- FOSS, but only if you're not embedding it in a commercial product

- Grab it from ajenti.org and possibly your package manager
  - Relatively easy to set up though user management can be a little quirky
    - Don't open this to the Internet unless you're ABSOLUTELY sure, it provides root access tools

ajenti.org
Ubuntu 12.04.2 LTS

+ ADD WIDGET

Dashboard
Ajenti.org
Configure
Plugins

SYSTEM
Cron
Filesystems
Firewall
Hosts
Logs
Nameservers
Network
Packages
Processes
Users

TOOLS
File Manager
Notepad
Tasks
Terminal

SOFTWARE
MySQL
NGINX
OpenVPN

Uptime   21 days, 08:13:00

CPU usage   100%

▶ nginx

/   8.5 Gb

▶ mysql

eth0   ↑ 15.6 Gb   ↓ 3.8 Gb

▶ redis-server

Memory usage 720.0 Mb

▶ supervisor

▶ courier-imap

▶ jenkins

Log out

RAW EDIT   DISABLE AUTOSTART   LOAD CURRENT STATE

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SOFTWARE
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NGINX
OpenVPN

filter   mangle   nat

+ NEW CHAIN

FORWARD   ACCEPT   ✖

+ NEW RULE

INPUT   ACCEPT   ✖

ACCEPT --match multiport --protocol tcp --destination-ports 25,80,8000,8080,9090,4949,873,9000,1337,443 -j ACCEPT   ✖

ACCEPT --match multiport --protocol tcp --destination-ports 22,3022,3080,3000,8005,44322 -j ACCEPT   ✖

ACCEPT --match state --state ESTABLISHED -j ACCEPT   ✖

Action   ACCEPT

Comment

Conditions

| --match | ☐ Invert | Modules | state | ✖ |
| --state | ☐ Invert | States | ESTABLISHED | ✖ |

Add option ▾

ACCEPT --match multiport --protocol tcp --destination-ports 9102 -j ACCEPT   ✖

ajenti

Log out ⏻

Dashboard

Ajenti.org

Configure

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SOFTWARE

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NGINX

OpenVPN

	Name	Origin	Actions
▶	acpid	upstart	■ ▶‖
▶	ajenti	sysvinit	■ ▶‖
▶	ajenti.org-celery	supervisord	■ ▶‖
▶	ajenti.org-celerybeat	supervisord	■ ▶‖
▶	ajenti.org-server	supervisord	■ ▶‖
▶	atd	upstart	■ ▶‖
	bacula-fd	sysvinit	▶
	bootlogd	sysvinit	▶
	console	upstart	▶
	console-setup	upstart	▶
	container-detect	upstart	▶
	control-alt-delete	upstart	▶
▶	courier-imap	sysvinit	■ ▶‖
▶	cron	upstart	■ ▶‖

Cockpit

- Another monitoring and control web panel
  - Similar functionality to Ajenti, but a little shinier and lets you monitor multiple servers from one panel

- Grab it from cockpit-project.org, maybe in your package manager
  - Doesn't support all distros

Reading   4.0 KB/s

Writing   68.5 KB/s

| Create RAID Device | Create Volume Group |

RAID Devices

| RAIDTest (on fedora21.ad.baseos.qe) | 2.0 GB |
| testraider | 151.5 MB |
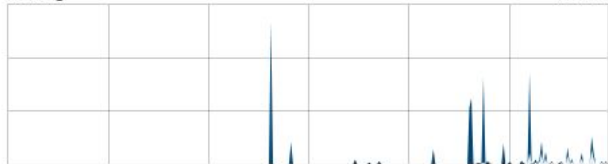
Filesystems

Name	Mount Point	Size	
/dev/server/root	/	███████░░░░░░░░░	5.0 / 13.6 GB
/dev/Dockers /Docker	/var/lib/docker /devicemapper, /var/lib/docker	███████░░░░░░░░░	2.7 / 6.3 GB
/dev/vda1			524.3 MB
/dev/vdi			107.4 MB

Volume Groups

dockers	7.1 GB
Dockers	6.1 GB
server	14.6 GB

Drives

QEMU QEMU HARDDISK	102 MB Hard Disk R: 0 B/s W: 0 B/s
VirtIO Disk	15.0 GB Hard Disk R: 0 B/s W: 0 B/s
VirtIO Disk	2.0 GB Hard Disk R: 0 B/s W: 0 B/s
VirtIO Disk	2.0 GB Hard Disk R: 0 B/s W: 0 B/s
LVM PV 1sn5He-h4W3-E30r-07bk-th30-btf5-mYQOH8 on /dev/vdd	4.0 GB Hard Disk

Storage Journal

November 25, 2014

udisksd:	Acquired the name org.freedesktop.UDisks2 on the system message bus	16:53
udisksd:	udisks daemon version 2.1.3 starting	16:53
smartd:	Monitoring 0 ATA and 0 SCSI devices	16:47
smartd:	Try 'smartctl -s on /dev/sda' to turn on SMART features	16:47
smartd:	Device: /dev/sda, IE (SMART) not enabled, skip device	16:47
smartd:	Device: /dev/sda, [QEMU QEMU HARDDISK 2.1.], 107 MB	16:47
smartd:	Device: /dev/sda, opened	16:47
smartd:	Configuration file /etc/smartmontools/smartd.conf was parsed, found DEVICESCAN, scanning devices	16:47