Linux

- Backup and Restore Ubuntu based systems
- Elementary OS Configuration and Setup
- Time Since Last Resume

Backup and Restore Ubuntu based systems

Use apt-clone, deja-dup and some shell scripts to backup and restore ubuntu based systems:

Requirements:

- Deja-Dup
- duplicity as a terminal command, if you want to restore that way.

Backup

```
sudo apt install apt-clone
mkdir ~/backup
cd ~/backup
sudo apt-clone clone apt-clone-state-ubuntu-$(lsb_release -sr)-$(date +%F).tar.gz
flatpak list --columns=application --app | tee flatpak.lst

# backup /etc
sudo apt install etckeeper
sudo etckeeper vcs remote add origin $GITHUB_URL
sudo etckeeper vcs push
```

Run DejaDup and store the backup in ~/backup/dejadup in this example.

You can probably also run DejaDup to restore into a folder somewhere, instead of using duplicity below.

Restore

```
cd ~/backup
sudo apt-clone restore apt-clone-state-ubuntu-$(lsb_release -sr)-$(date +%F).tar.gz
xargs flatpak install < flatpak.lst
```

```
sudo su
# change myuser
PASSPHRASE="" duplicity restore file:///home/myuser/backup/dejadup /root/restore
cp -r /root/restore/home/myuser/. /home/myuser
chown myuser:myuser /home/myuser -R

# etc (unverified)
cd /tmp
git clone $GITHUB_URL etc.new
sudo mv /etc /tmp/etc.old
sudo mv /tmp/etc.new /etc
```

Now reboot

Elementary OS Configuration and Setup

ElementaryOS 7 Horus

- Same wifi issue as [[OpenSUSE Tumbleweed]]. Same fix
- Mouse battery is seen as laptop battery, so battery power options apply.
- Zoom is fixed and keeps settings!

Grub has no timeout

```
$ sudo nano /etc/default/grub
GRUB_TIMEOUT=5
```

PHPenv

Use native PHP packages and my PHP activate

iCloud contacts and calendar

https://ekiwi-blog.de/en/26497/synchronize-icloud-calendar-and-contacts-with-thunderbird/ TLDR TBSync with an application specific password.

Media keys on macintosh keyboard

1. if you press Fn+Esc it changes the `Fn lock` so that F1+F12 work as normal.
2. For an untested permanent solution try remapping

Google Calendar integration

```
sudo apt install gnome-control-center gnome-online-accounts
Exec=env XDG_CURRENT_DESKTOP=GNOME gnome-control-center --overview
```

Enable Google Account and it's Calendar

Assign Eject to Multitasking view:

https://vandragt.com/map-eject-to-multitasking-view

> So I use ElementaryOS and in version 7 you are no longer able to map just the Eject key. I like to map this to the Multitasking View (something like the macOS Expose).
>
> The solution is to use the DConf Editor application and search for `show-desktop`.
>
> ElementaryOS repurposes the show desktop to the multitasking view. Simply set the value to `['Eject']`

ElementaryOS 6

B560

Does not find wireless until Linux-firmware is installed. Use Ethernet and dist-upgrade followed by install Linux-firmware

Other

Do not install the following packages via apt, as you want to control when to update them:

- virtualbox
- composer (apt version doesn't self-update)
- php
- added by working copy ❤

Macos Migration

- ☑ todolist ios/linux:
  - ☑ Workflowy.com for work
  - ☑ Todoist for personal.
- ☑ Notes
  - ☑ Workflowy
  - ☑ Bookstack hosted
- ☐ deejay program
  - ☐ traktor over wine, try that
- ☐ Some alternative to Acorn if needed
  - ☐ krita
- ☑ Better clipboard monitor
  - ☑ CopyQ is ok
- ☑ Screen recorder
  - ☐ SimpleScreenRecorder (Screen recording)
  - ☐ Handbrake (video conversion)
  - ☐ https://github.com/flameshot-org/flameshot (Screenshots)
  - ☐ and https://gitlab.gnome.org/YaLTeR/video-trimmer For trimming videos
- ☑ auto updates
  - ☑ flatpak: https://www.jwillikers.com/automate-flatpak-updates-with-systemd
  - ☑ https://wiki.debian.org/UnattendedUpgrades
  - ☑ https://gist.github.com/svandragt/9776828a64d6eba0f19dfd604fbbd94e running this manually once a day.
- ☑ Webcam
  - ☑ Logitech C922 Pro works well and is compatible

Essential apps

```
sudo apt install gnome-system-monitor
```

Keyboard

- fn + arrow keys for start/end of line and pageup/down

Change shell

```
sudo apt install zsh
# TODO steps to configure it
chsh -s $(which zsh)
```

Time Since Last Resume

This has been moved to https://github.com/svandragt/break-aware