

# 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

- todoist 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>