1 Arch Linux

1.1 Mantainance

```
#check file size
du -sh .cache/
#remove a file
rm -rt .cache/
#delete what you don't need in .config file
```

specific mantainance:

```
#check the failed systems
systemctl --failed
#check the systemd journal
sudo journalctl -p 3-xb
#if the system doesn't boots then ctrl+alt+shift then timeshift -restore
#then update mirrors
#clar chache

#then to update the whole system use:
sudo pacman -Syyu
#to check system updates
sudo pacman -Syu
#if you wan't to remove all packages in the drive use
sudo pacman -Scc
#remove all unwanted dependencies
paru -Yc
#remove orphan packages
sudo pacman -Rns \$(pacman - Qdtq)
#sudo pacman -Syyy Syncrhonise data use "mirror1"
```

1.2 Print in arch linux

install packages: usbutils, lsusb, cups
use this to make cups usable

```
sudo systemct enable cups
sudo systemctl start cups
localhost:631

lp -d HP_Officejey_Pro_8600]
```

1.3 configure date and time

```
hwclock --set --date = "04/32/2021 19:00:00"
hwclock -hctosys
```

1.4 Configure wireless

```
#when entering an iso
iwctl
#then in the ui

#to list all available devices
device list
```

```
#to scan networks
station <device> scan

#to get newworks
station <device> get-network

#to connect to a network
station <device> connect "<name of network>"

#to check if the connection is staable
ping -c s 8.8.8.8

#don't forget before rebooting the iso run
pacman nmtui
```

from Arch Water Linux

```
# to acces the gui for the internet
nmtui
# solve temporary failure in name resolution
# change the /etc/resolve.conf file to nameserver 8.8.8.8

# restart the resolved daemon
sudo systemctl restart systemd-resolved.service
# check that the daemon is running and active
sudo systemctl status systemd-resolved.service
```

dwm basic configuration

```
#MODKEY + shift + q to restart X server
startx # to start the X server
```

1.5 mount devices

mount usb sticks:

```
#to mount a usb stick
mount /dev/sdb1 /mnt/<destination folder>
#to unmount a sub stick
umount /dev/sdb1
```

mount an android device:

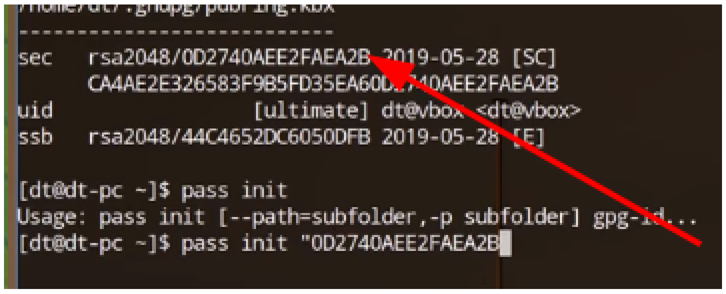
```
#to mount and android device
simple-mtpfs --device 1 tablet/

#to unmount an android device
fusermount -u /tablet
```

1.6 import export passwords from pass

export passwords:

```
# to list first the gpg keys
gpg --list-secret-keys --keyid-format LONG
```



```
/home/dt/.gnupg/pubring.kbx
----------------------------
sec   rsa2048/0D2740AEE2FAEA2B 2019-05-28 [SC]
      CA4AE2E326583F9B5FD35EA60D2740AEE2FAEA2B
uid                 [ultimate] dt@vbox <dt@vbox>
ssb   rsa2048/44C4652DC6050DFB 2019-05-28 [E]

[dt@dt-pc ~]$ pass init
Usage: pass init [--path=subfolder,-p subfolder] gpg-id...
[dt@dt-pc ~]$ pass init "0D2740AEE2FAEA2B
```

```
# to create the export files
# save this files in a usb and use it later
gpg --output MY_FILENAME_public.gpg --armor --export GPG_PUB_KEY
gpg --output MY_FILENAME_secret.gpg --armor --export-secret-key GPG_PUB_KEY
# in other pc import the gpg keys
gpg --import MY_FILENAME_pub.gpg
gpg --allow-secret-key-import --import MY_FILENAME_sec.gpg
# now copy the .password-store folder from the main machine and paste it into t
```

2 Install python version

```
# download the python version you need from https://www.python.org/downloads/source/
# unpack in the .local/src/pythonversions/pythonVersion.tgz
tar zxvf pythonVersion.tgz
cd pythonVersion
# Install the python version
./configure
make
sudo make install
make clean
# check python version
python[python_version] --version
# create a python environment using that python version
python[python_version] -m venv venv/
# source the environment
source venv/bin/activate
# for deactivating
deactivate
```

2.1 removing bloatware from android

```
# install the android developer tools
paru -S android-tools
# in your android enable developer options by about phone -> build number 7 times
# then enable usb debugging

# now in your linux sistem type in your terminal
adb devices # to see if device is succesfully connected
adb shell # to start the shell

# to delete an app
pm uninstall -k --user -0 (package-name)

# to see the names of apps use app inspector from the google store
```