Setup Ubuntu 22.04 LTS

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Links:

Sources:

Disk

- Install ntfs-3g
- Set ntfs-3g as system filetype

Update system

- sudo apt update && sudo apt dist-upgrade -y
- sudo reboot

System settings

- Bluetooth = False
- Appearance - Dark
- Sound
    - Over-Amplification = True
    - System Sounds = False
- Power
    - Screen Blank = 15min
    - Dim Screen = False
- Touchpad = False
- Keyboard
    - Add layouts
    - Change "Run comand" shortcut to Shift+Alt+F2
- Region - Change formats to United Kingdom

far2l

```
sudo add-apt-repository ppa:far2l-team/ppa -y
sudo apt update
sudo apt install far2l -y
```

Gnome Tweaks

- sudo apt install gnome-tweaks -y
- Fonts
    - Scaling Factor = 1.10
- Keyboard & Mouse
    - Switching to another layout = Capslock
- Top Bar
    - Weekday, Seconds = True
- Window Titlebars
    - Maximize = True
- Windows
    - Center New Windows = True

- Add far2l to startup

Flatpak

```
sudo apt install flatpak -y
flatpak remote-add --if-not-exists flathub https://flathub.org/repo/flathub.flatpakrepo
```

Gnome Extensions

```
sudo apt install fish -y
```

- Dash to panel
  - Visible taskbar only and centred
  - App Icon Margin = 2px
  - Ungroup apllications
    - Unpin apps
  - Keep original gnome-shell top panel
- Status Area Horizontal Spacing
- Caffeine
  - Disable notifications
- Vitals
  - Align to Left
- AppIndicator and KStatusNotifierItem Support
- Just Perfection
  - Disable Activities button, App Menu, Accessibility Menu
  - Startup Status - Desktop
- ArcMenu
  - Layout - Runner
- sudo reboot

Terminal

Software

```
sudo apt install htop exa tmux curl -y
```

Ubuntu

```
sudo apt install fish -y
```

Change to default

```
grep tecmint /etc/passwd
chsh -s $(which fish)
grep tecmint /etc/passwd
```

Alacritty

```
sudo apt install fish -y
```

Lazygit

```
set LAZYGIT_VERSION (curl -s "https://api.github.com/repos
/jesseduffield/lazygit/releases/latest" | grep -Po '"tag_name": "v\K[^"]*')
curl -Lo lazygit.tar.gz
"https://github.com/jesseduffield/lazygit/releases/latest/download/lazygit_{$LAZYGIT_VERSION}_Linux_x8
6_64.tar.gz"
tar xf lazygit.tar.gz lazygit
sudo mkdir /usr/local/bin
sudo install lazygit /usr/local/bin
```

Nvim

Dependencies

```
curl -fsSL https://deb.nodesource.com/setup_18.x | sudo -E bash -
sudo apt-get install nodejs -y
sudo apt install python3-venv -y
```

Install neovim

```
sudo mkdir /usr/local/bin
curl -L https://github.com/neovim/neovim/releases/latest/download/nvim.appimage -o nvim
sudo install nvim /usr/local/bin
```

packer.nvim

```
 git clone --depth 1 https://github.com/wbthomason/packer.nvim
~/.local/share/nvim/site/pack/packer/start/packer.nvim
```

- nvim

Coding

Git

```
find /mnt/storage/07_Projects/ -name '.git' -exec bash -c 'git config --global --add safe.directory
${0%/.git}' {} \;
git config --global user.name "Pixaler"
git config --global user.email "gnidko02@gmail.com"
```

Python

- sudo apt install python3.10-venv python3-pip python-is-python3
- sudo apt install python3.10-tk

Kernel

- sudo apt-mark hold linux-image-generic linux-headers-generic
-

Ubuntu kernel

- sudo apt-get build-dep linux-image-$(uname -r)
- sudo apt install build-essential libncurses5-dev fakeroot xz-utils libelf-dev bison flex dwarves

- cp /boot/config-$(uname -r) .config
  If fails on certificate: https://askubuntu.com/questions/1329538/compiling-the-kernel-5-11-11

Vanila kernel

- sudo apt install gcc make build-essential libncurses5-dev fakeroot xz-utils libelf-dev libssl-dev bison flex dwarves debhelper -y
- Download and extract
- make menuconfig
- In .config

```
CONFIG_SYSTEM_TRUSTED_KEYS=""
CONFIG_SYSTEM_REVOCATION_KEYS=""

CONFIG_DEBUG_INFO=n
CONFIG_DEBUG_INFO_DWARF5=n
CONFIG_DEBUG_INFO_BTF=n
```

- make -j8 bindeb-pkg

Archived

Video cards

- sudo nano /etc/modprobe.d/amdgpu.conf
  options amdgpu si_support=1
  options amdgpu cik_support=1
- sudo nano /etc/modprobe.d/radeon.conf
  blacklist radeon
- sudo update-initramfs -c -k all