User Guide

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Contents

1   Welcome!

This user guide was created for the Individual Project subject at my university and it's meant to describe my work for the past few months.
The project it's about a new linux distribution based on Arch Linux which follows the same design of minimalism with regards to its lightweight functioning and flexibility.
This linux distribution comes with a lightweight tiling window manager created by the Suckless Team named `dwm` and other tools like `dmenu`, `st` and `slock`.
The implementation of their software and others will be explained thoroughly in the next sections.

Disclaimer: this work began a long time ago just as a personal project out of curiosity after going down the rabbit hole of minimalism setups. Shoutouts to Luke Smith!

2 Basic goals and principles of this system

Economy
Programs should be simple and light on system resources and highly e xtensible. Because of this, many are terminal or small ncurses programs that have all the magic inside of them.

Keyboard
All terminal programs (and other programs) use vim keys when possible. Your hands could never need to leave the keyboard, increasing the proficiency once the user gets used to it.

Decentralization
This system is a web of small, modifiable and replaceable programs that users can easily customize.

3 Status bar

4 Key bindings

In the examples below, `Mod` refers to the "Windows key" or Super Key.

- `Mod` + `Enter` : open st teminal

- `Mod` + `Q` : exit application

- `Mod` + `Shift` + `Q` : restart dwm

- `Mod` + `Shift` + `L` : lock screen

- `Mod` + `W` : open firefox (web browser)

- `Mod` + `Shift` + `w` : open lynx (terminal web browser)

- `Mod` + `D` : launch dmenu (to run programs)

- `Mod` + `O` : launch lf (terminal based file manager)

- `Mod` + `Shift` + `O` : launch thunar (graphical file manager)

- `Mod` + `-` : increase volume by 5

- `Mod` + `+/=` : decrease volume by 5

- `Mod` + `Shift` + `-` : increase brightness by 5

- `Mod` + `Shift` + `+/=` : decrease brightness by 5

- `Mod` + `J/K` : browse through applications in the same window

- `Mod` + `H/L` : increase/decrease window size

- `Mod` + `N/B` : go next/back through tags

- `Mod` + `Tab` : switch between current and previous tag

- `Mod` + `Space` : switch focus of window

- `Mod` + `1/2/3/4/5` : switch to tag 1/2/3/4/5

- `Mod` + `Shift` + `1/2/3/4/5` : move application to tag 1/2/3/4/5

5 Programs

6 Configuration

7   Conclusion