

Chris Iñigo's Operating System (CIOS)

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This setup of mine has been in development for over two (2) years now and I have been trying my best to render it as useful as it can be—as a minimal linux system (Artix Linux) but, with the functionality of a fully operating system. This guide document isn't necessarily meant for other people's use (although you are free to do so), but it's just something that I think is supplementary to what we have so far. And so that I can also remember everything that I've added over time.

1 What you will find in this system

- A highly convenient computer environment for daily use.
- A list of key-bindings for operations.
- Other notes and details.

The look and feel of this pseudo-distribution is constantly changing. Expect further updates and additional controls over time.

2 Main programs of this set-up

- `dwm` — The window manager
- `st` — The terminal emulator
- `dmenu` — The program launcher
- `dwmblocks` — The statusbar

3 How do I access this document later on?

At any time during the session, you may press `Mod+F1` to open and read this guidebook.

4 What do some of the key-bindings mean?

- **Mod** — The windows key or its equivalent in MacOS
- **Return** — The Enter key

5 Key-bindings

5.1 Dwm

5.1.1 Basics

- **Mod+Return** — terminal
- **Mod+w** — browser
- **Mod+p** — dmenu
- **Mod+q** — system menu
- **Mod+r** — file manager
- **Mod+Shift+c** — kill focused window
- **Mod+Shift+r** — restart dwm (the window manager, not the system)

5.1.2 Useful Functions

- **Mod+x** — select wallpaper
- **Mod+Shift+s** — take a screenshot
- **Mod+Shift+x** — record your screen
- **Mod+Shift+d** — stop screen recording
- **Mod+Shift+y** — search and view image files
- **Mod+Shift+v** — search and open video files
- **Mod+Shift+p** — locate and open any pdf file found within the user's home directory
- **Mod+[0-9]** — switch to corresponding workspace (tag)
- **Mod+b** — select a bookmark
- **Mod+Ctrl+b** — add highlighted item as a bookmark
- **Mod+Shift+b** — hide/unhide statusbar
- **Mod+F1** — open and read this guidebook

- **Mod+F2** — change font/s
- **Mod+F9** — select drive to mount
- **Mod+F10** — select drive to unmount
- **Mod+Ctrl+n** — read the news (newsboat)
- **Mod+Ctrl+Return** — terminal (float)
- **Mod+Ctrl+w** — open webcam
- **Mod+e** — select an emoji
- **Mod+s** — toggle sticky window

5.1.3 Gaps and Layouts

- **Mod+t** — master and stack layout
- **Mod+m** — fibonacci layout
- **Mod+f** — monocle layout
- **Mod+Shift+f** — toggle fullscreen
- **Mod+u** — increase gaps
- **Mod+Shift+u** — decrease gaps
- **Mod+i** — increase master windows
- **Mod+d** — decrease master windows
- **Mod+g** — toggle gaps
- **Mod+Shift+g** — revert back to original gaps
- **Mod+Shift+k** — move focused window up the stack
- **Mod+Shift+j** — move focused window down the stack
- **Mod+Shift+Return** — replace master window
- **Mod+Ctrl+m** — listen to music (mpd)
- **Mod+Ctrl+Period** — cycle layout forwards
- **Mod+Ctrl+Comma** — cycle layout backwards
- **Mod+Shift+Space** — toggle floating attribute

5.1.4 Media Controls

- **Mod+LeftBracket** — decrease screen brightness
- **Mod+RightBracket** — increase screen brightness
- **Mod+Minus** — increase volume
- **Mod+Shift+Minus** — decrease volume
- **Mod+Equal** — toggle mute volume
- **Mod+Backspace** — increase microphone volume
- **Mod+Shift+Backspace** — decrease microphone volume
- **Mod+Shift+Equal** — toggle mute microphone volume

5.2 St

5.2.1 Terminal Controls

- **Alt+Shift+k** — zoom in
- **Alt+Shift+j** — zoom out
- **Alt+k** — scroll up
- **Alt+j** — scroll down
- **Alt+c** — copy
- **Alt+v** — paste
- **Alt+a** — decrease alpha (transparency)
- **Alt+s** — increase alpha

5.3 Dmenu

5.3.1 Launcher Controls

- **Left-click** — select item (patch added)

6 Statusbar

Right-click any of the modules on the statusbar and it'll show you some information about it. You can find the modules' location in the `$HOME/.local/bin/statusbar/` folder.