

General software

WMs...Cwm, Spectrm, Stumpwm, Awesomewm, LxQt
Web Browser...Firefox, QuteBrowser, W3m, Links
Music player.....Audacious (WinAmp), Cmus
Media player.....Mpv + Youtube-dl
Spreadsheets.....Gnumeric, Sc-im
Accountant.....Money Manager Ex
Documents..~~TeX~~, Scribus, Pandoc; Full-feature:
Onlyoffice, Abiword, LO), Wordgrinder;
Markdown: Ghostwriter (Qt), Marker (Gtk)
Mobile connectivity.....KDE Connect
Password manager.....KeepassXC, Pass
Email.....Thunderbird, Mutt
Video recording.....OBS, Ffmpeg
Audio editor.....Audacity, Fre:ac (transcoder)
Image editor.....Krita, Grafx2, Inkscape, Gimp
Video editor.....Kdenlive, Natron, Handbrake and
MKVToolNix (transcoders), Aegisub (subtitles)
3D Animation..Blender (+Appleseed, +Luxrender)
2D Animation.....OpenToonz, Pencil2D
Music production.....LMMS, Ardour, Trackers
Emulator(s).....Mednafen + Mednaffe, Dolphin,
Mupen64plus, Mgba, Pcsx2, Yaze
Games..Xonotic, Oad, ToMe4, Wesnoth, Angband,
Nethack, Dungeon Crawl Stone Soup, CDDA, CotD,
Moria, Solarus, FlightGear, FreeCiv, GNUChess

Advance utilities

Terminal.....Xterm/St
Text editor(s).....Vis, Emacs, Joe, Nano
Version Control.....Git
Encryption.....GnuPG, Hashcat
Networking Nmap, Wireshark, Vsftpd, Curl, Rsync
Maths...Octave, Maxima, Singular, GAP, Pari/GP
Programming Langs...C11, C++(17,2x), Rust, Go,
Julia, Lua, Haskell, Lisp, Prolog, Python, R,
Fortran, Mono (C#, F#), Shell (Mksh, Sed), SQL
(Lite, Postgre), AVR, 6502, RISC-V
RE, Debugging.....GDB (cgdb), Radare2 (Cutter),
Valgrind
Virtualization Qemu, DosBox, SimH, Wla-dx, Simavr
Electronics.....KiCad, Geda, Qucs, KTechLab,
Xcircuit, GtkWave, Ngspice, Iverilog, GHDL
Engineering.Cura, FreeCAD (+Netgen, +Calculix),
LibreCAD, HeeksCAD, OpenScad, OpenModelica,
Salome, OpenFoam, BrlCAD, LinuxCNC, Umbrello
Laptop..Acpid, TLP, Powertop, Lm.sensors, Ncd

Personal Cheatsheet

Abduco (Session manager)

abduco List active sessions
-c session-name command..... Create new session
(defaults to dvtm)
-n session-name..... Create but do not attach
-e key-seq..... Change detaching key binding, eg ^q
-a session-name..... Reattach
-r Attach as read-only
-f session-name. Force creation of terminated session

Dvtm (Terminal multiplexer)

-m key-seq..... Set MOD key to key-seq
Mod-Mod..... Send MOD key
Mod-c..... Create a new shell window
Mod-C..... Same, but in the current working directory
Mod-x-x Close focused window
Mod-l..... Increase master area width by 5%
Mod-h..... Decrease by 5%
Mod-i..... Increase number of windows in master
Mod-d..... Decrease number of windows in master
Mod-j Focus next window
Mod-J..... Focus next non-minimized window
Mod-k Focus previous window
Mod-Tab..... Focus previously selected window
Mod-. Toggle minimization of current window
Mod-m..... Maximize (fullscreen) focused window
Shift/Mod-PUp/PDown..... Scroll buffer
Mod-Space..... Toggle between defined layouts
Mod-f Change to vertical tiling
Mod-b Change to bottom tiling
Mod-g..... Change to grid layout
Mod-s Toggle status bar
Mod-S..... Togge position of status bar (top, bottom)
Mod-r Redraw screen
Mod-a..... Toggle keyboard multiplexing to all visible
windows
Mod-M..... Toggle dvtm mouse grabbing. *Important for
copying*
Mod-e..... Enter copy mode
Mod-p..... Paste copied text
Mod-q-q..... Quit dvtm

Ranger (File manager, or nnn)

Vi-like keybindings. Not everything will be explained Enable video and image preview in
scope.sh with w3m-img & ffmpegthumbnailer
?... Open manual, keybindings, commands and settings
z Show settings dialog. See h, P, I
g n..... Open new tab
%f Base name of current file
%d Path of current directory
%s String of names of selected files
%t All tagged files in current directory
%c Full paths of currently copied/cut files
%p Full paths of selected files
m<key> Bookmark current directory to key
'<key> Enter bookmarked directory of with |key|
S Open shell in cwd
H, L Move back, fordvars in the history
^R Reload everything
[,] Move up, down in parent directory
E Edit current file
yy, ya, yr, ytYank selected files. a add; r remove; t
toggle current selection
dd..... Cut selection; extra options as yy
pp, po..... Paste files, overwriting existing files
oX..... Change sort method
u(q, t, d, V, v)..Undoes: closed tabs, remove tags,
clears copy/cut buffer, reversed visual mode, clears
selection
f Quickly navigate by entering part of filename
r Open console to select program to open file

Zathura (Pdf viewer)

Syntax: set <option> <new value>
Plugins: -ps, -djvu, -cb
Notes: vi-like keybindings
J, K..... PgDn, PgUp
gg, G, nG..... Goto first, last or nth page
a, s..... Adjust window in best-fit or width mode
o, O..... Open document
f Follow link
F..... Display link target
r rotate by 90 degrees
~r..... Recolor
R..... Reload
Tab..... Show index and switch to Index Mode
d Dual page
F5 Toggle presentation mode

F11..... Toggle fullscreen mode
`^m`, `^n`..... Toggle input-, status-bar
`+`, `-`, `=`..... Zoom in, out, original size
 Index Mode
`l`, `L`..... Expand entry, all entries
`h`, `H`..... Collapse entry, all entries
`space`, `Returs`..... Select and open entry

Feh (Image viewer)

`A`..... Toggle aliasing
`g`..... Toggle automatic window resizing
`h`..... Pause/Continue slideshow
`i`..... Toggle display info
`k`..... Keep viewing info when switching images
`w`..... Fit image size
`m`..... Toggle menu
`n`, `p`..... Show next, previous image
`v`..... Toggle fullscreen
`z`..... Jump to random selection
`Z`..... Toggle auto-zoom
`/`..... Zoom to fill window size
`-`..... Flip image vertically
`r`..... Reload image

Sc-im (Spreadsheets)

Notes: `vi`-like keybindings. `libxlsxwriter` needed to export to `.xlsx`. `--xlsx_readformulas` will try to import formulas instead of their values
`^`..... Cursor to row 0 of current column
`O`..... Cursor to column A of current row
`$`..... Cursor to last valid column of current row
`g(0, $, M; H, L; g)`..... Cursor to first, last, middle visible column; first last visible row; first cell
`m \mathbb{X}` Mark current cell
`' \mathbb{X}` Jump to marked cell
`=`..... Enter numeric constant or expression
`<`..... Enter string. Right aligned
`>`..... Enter string. Left aligned
`{,}`..... Left, right justify cell
`l`..... Center current string
`e`..... Edit numeric cell (does not overwrite old values)
`E`..... Like `e` but for strings
`:`..... Command mode, eg `:help`

Weechat (IRC)

`^p`, `^n`..... Switch buffer left, right
`Alt-a`..... Next buffer with activity
`/window splith`, `splitv`. Split horizontally, vertically
`/window zoom`..... Zoom
`Alt-w`..... Switch windows
`Alt-b`..... Balance windows
`^r`, `RET`..... Search, stop search
`F9-F10`..... Scroll buffer title
`F11-F12`..... Scroll nick list
`/part message`..... Leave channel and keep buffer
`/close`..... Leave channel and close buffer

Rtorrent + pyros (Torrenting)

`Ctrl-q`..... Initiate shutdown
`1-7`..... Change views
`Right`, `Left`.. Switch to download view, back to main
`Ctrl-S`..... Start download
`Ctrl-k`..... Stop an close the torrent
`Ctrl-o`..... Set new download directory
`+`, `-`..... Change torrent priority
`I`..... Toggle ignore ratio settings
`Ctrl-d`..... Stop active, remove stopped
`Ctrl-r`..... Hask check torrent
`Ctrl-x`..... Command or change settings
`U`..... Delete contents of torrent
`BS`, `RET`..... Add torrent, add inactive
 At download view:
`u`..... Display trackers
`o`..... Display torrent info
`T`..... Force tracker request
`i`..... Display file list
`SPC`, `*`..... Change file property, all
`/`..... Collapse directories, open with right
`p`..... Display peer list

Joe (Text editor)

`Ctrl-K H`..... Toggle help window
`Esc-(. ,)`..... Navigate help
`Ctrl-K X`..... Exit
`Ctrl-K D`..... Save file
`Ctrl-K E`..... Edit file
`Ctrl-T`..... Open menu
`Ctrl-K R`..... Include external file
`Ctrl-K [0-9`..... Record macro
`Ctrl-K]`..... End macro

`Ctrl-(F,B,P,N)` .. Move forward, backwards, previous, next
`Ctrl-(A,E)` .. Move to beginning, end of line
`Ctrl-(U,V)` .. Scroll cursor half page up, down
`Ctrl-K (U,V)` .. Move to top, bottom of document
`Ctrl-K (-,=)` .. Navigate cursor's history
`Ctrl-(_,^)` .. Undo, redo
`Ctrl-K B`..... Begin region selection
`Ctrl-K K`..... End region selection
`Ctrl-K /`..... Pipe selection through command
`Ctrl-T X`..... Toggle block selection mode
`Ctrl-C`..... Cancel selection
`Ctrl-Arrow`..... Select text
`Ctrl-K C/M`..... Copy, move
`Ctrl-K F`..... Find
`Ctrl-L`..... Next match
`Ctrl-D`..... Delete current character
`Ctrl-(Y,J)`..... Delete line, until end
`Ctrl-K A`..... Center line
`Ctrl-K J`..... Join paragraph into line
`Ctrl-T T`..... Toggle insertion mode
`Esc-X`..... Command prompt
`Esc-L`..... Spell file
`Ctrl-R`..... Refresh screen

Emacs (Text Editor)

Packages: `use-package`, `org-mode`, `{ox-*, ob-*}`, `which-key`, `AucTeX`, `LaTeX-preview`, `{csv, lua, rust, python, haskell, julia, go}-mode`, `slime`, `*hugo`, `ESS`, `magit`, `evil*`, `ido-mode`, `ivy` (`+counsel`, `+swiper`), `avy`, `treemacs`, `ace-window`, `flycheck(+*)`, `company(+*)`, `projectile`, `ggtags`, `eshell`, `yasnippet`, `flyspell`, `telephone-line`, `diffview`, `rainbow`, `muse`, `picture-mode`, `artist-mode`, `interleave`.

Extras

`Vis`..... See *Vim*, [cheatsheet](#)
`Mutt`..... See [cheatsheets 1, 2](#)
[Radare2](#), [GDB](#)..... See [cheatsheets](#)
`Git`..... See [cheatsheet 1, 2, 3](#)
`Gnupg`..... See [cheatsheet](#)
`Emacs`..... See [cheatsheet](#), and [org-mode Services/Social](#)..... [Wire](#), [Mastodon/GNUSocial](#), [Neocities](#), [Nyaa](#), [Github](#), [Gitea](#), [Hugo](#), [Borg](#), [Httrack](#), [Newsboat](#), [Jupiter](#), [Cdrtools/Iat](#),

Fernando Oleo Blanco. Creative Commons 4.0-BY