Personal Cheatsheet

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 . ᴛᴇX, 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, 0ad, 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, Ncdu

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, fordwars 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
0 . . . . 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
mx . . . . Mark current cell
'x . . . . Jump to marked cell
= . . . . Enter numeric constant or expression
< . . . . Enter string. Right aligned
> . . . . Enter string. Left aligned
{,} . . . . Left, right justify cell
| . . . . 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

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