

Reference Sheet for Emacs

Why?

I have so many things installed, I'm forgetting some of the stuff that I installed to be more productive! Whence this personal cheat sheet.

? Obtain help; see listing of possible commands.

q Quit current application, closing buffer.

Getting Help

C-h o Describe symbol at point; best one.
 C-h k,f,m Describe key press, function name, or mode
 C-h a Apropos: Show commands matching a string
 C-h e Open ***Messages*** buffer in another window
 C-h i Enter **Info** documentation reader

Windows

C-x 0,1 Delete this, other windows
 C-x 2,3 Split window above, to the side
 C-x o Switch cursor to other window
 C-x ^ Increase window height
 C-x {,} Shrink, widen window

Using C-x 5 ... in place of C-x ... operates on the 'frame' level -i.e., other Emacs GUI instances. C-x 4 ? is for acting on the other window, where ? = f, d, b for finding file, directory, buffer.

"s-<arrow>" Jump to window via arrow key
 "M-<tab>" Flip to next buffer
 "M-S-<tab>" Flip to previous buffer

Workspace Manager

All commands are prefixed by C-x x; main commands:

s Select a space to go to or create it.
 n,+, p,+ Next, previous space
 c Query a perspective to kill.
 r Rename a perspective.
 A Add buffer to current perspective & remove it from all others.

Undo tree

- ◇ C-x u Visualise undo tree.
 - t, d toggle timestamps and diff display.
 - M-[,} Go to previous, next branching point.
 - q Exit at currently selected state.
- ◇ C-x r u Save current buffer state.
- ◇ C-x r U Restore saved buffer state.

Save & restore is useful for experimenting with a function definition, for example.

Killing

C,M-d	forward kill character, word
C,M-del	backward kill word prefix
C-k, 'M-k'	forward, backward kill line
C-x del	backward kill sentence
C,M-w	Kill, copy region
C-x r k	Kill region
M-y	Show kill ring, with "helm"

Marking

C-SPC	Set mark
C-x C-x	Exchange point & mark
M-h	Mark paragraph
C-x h	Mark buffer
C-u M-@	Mark words away

Formatting

By default C-t is transpose characters; I'm using it quickly open a terminal.

C-M-\	Indent region, mode dependent
C-x tab	Indent region <i>arg</i> columns or ←,→
M-;	Toggle comment region
C-M-o	Move rest of line vertically down
M-u, l	Uppcase, downcase rest of word
C-x C-u, l	Uppcase, downcase region
M-t	Transpose current word with next
C-x C-t	Transpose current line with above

Spellchecking et. al.

M-\$	Spellcheck word
"M-#"	Synonym for word
TODO	Define word

Textual Navigation

C-b, f	←, → character
M-b, f	←, → word
C-p, n	↑,↓ line
M-g g	go to a line
C-a, e	start, end line
M-a, e	start, end sentence
M-[, }	start, end paragraph
M-<, >	start, end buffer
C-v	down page
M-v	up page
C-l	centre page

Org-mode: All commands are prefixed by C-c.

n,p	next, previous heading
f,b	n,p same level heading
C-u	backward to higher heading
C-j	↑↓ jump to another heading
"C-h"	Fold current tree

Using the "super key" to navigate between org blocks.

"s-p,n"	Previous, next src block
"s-e"	Toggled editing src block

Completion

M-/	Expand previous word dynamically
M-<digit>	Select one of the 10 suggestions

Narrowing

This allows us to "zoom in" or "focus" on a particular region; the rest of the buffer is 'hidden'. All commands begin with C-x n.

n	Narrow to region
w	Widen to full view
e	Narrow to org element
s	Org narrow current tree

Searching

C-s Search current buffer
 “C-M-s” Search *all* buffers
 “C-S-s” Back to where search began

C-c C-e during a search to make live edits.

Org Visibility

tab Cycle visibility
 S-tab Cycle *global* visibility
 C-c C-x C-v Toggle inline image display
 C-c C-x C-l Toggle, preview, L^AT_EX for tree

Structure Editing

<return>	Newline with indentation
M-<return>	Newline with new org item
M-S-<return>	Ditto, but with a TODO marker
C-M-<return>	Newline, cursor at start
C-<return>	New heading <i>after</i> current content
C-S-<return>	Ditto, but with a TODO marker
C-c -,*	Demote, promote headings to items
M-↑,↓	Promote, demote heading
C-c C-t	Set state of tree
C-c , A,B,C	Set priority A, B, or C for tree
C-c , Spc	Remove priority from tree
M-↑,↓	Move <i>any</i> org element up or down
M-S-↑,↓	Move a line up or down
C-c c	Capture new item
C-c C-x C-a	Archive tree

Babel

C-c C-c Execute code block
 C-c C-v j Insert header argument
 C-c C-v I View, possibly global, header info
 C-c C-v g Go to named block
 C-c C-v n,p Go to next, previous block
 C-c C-v d Demarcate, split up, code block
 C-c C-v t Tangle all blocks in buffer

Misc

M-x list-input-methods show all input methods

C-c C-x p,e Set property, effort of tree
 C-c C-x i Capture column view in dynamic block
 C-+ Increase text size
 C-- Decrease text size
 “C-x d” Toggle Neotree file browser
 “C-c C-m” Re-compile; execute local **compile** command
 “<f5>”, s-r Reload buffer from disk
 “C-” Swap 2 horizontal windows to vertical
 “C-t” Quickly pop-up a terminal
 C-c C-o Open link at point

Org Speed Keys

With cursor at the beginning of an org headline:

#	Toggle COMMENT-ing
t	Select state
s	Toggle narrowing
I,0	Clock in or out
p,n	Previous, next heading
f,b	p,n for same-level
u	Upward to parent
c	Cycle visibility
w	Refile, relocate
~	Sort children trees
D,U	Move heading down, up
L,R	Promote, demote
1,2,3	Select priority
?	See possible keys

Timestamps

C-c . Prompt for date & insert timestamp
 C-c C-d Insert deadline for tree
 C-c C-s Schedule a tree
 S-↑,↓,→,← Alter timestamp by a day →←, year ↓↑
 C-c C-x C-t Globally toggle date display

Clocking Time

C-c C-x C-i,o Start, stop clock on tree
 C-c C-x C-r Insert, update, clock report

Agenda

C-c c Capture an idea quickly
 C-c a Open agenda to see tasks
 C-c j Discuss what’s accomplished
 C-c C-z Add note to current tree
 C-c C-s Schedule a task
 C-c C-a Archive a task

C-c a a See agenda for the week
 “C-c a c” See completed tasks
 “C-c a u” See unscheduled tasks

C-c a t Compile global todo list
 C-c C-x b Open agenda task in dedicated indirect buffer
 F Toggle follow mode: See details as you navigate
 v Change agenda view, e.g., to day or month
 f / b Forward, backward a view, e.g., day or month
 R See report of total clocked time
 . / j Go to today, or prompt for a date
 e, t, a Remotely set effort, state, or archive
 I, 0, X Start, stop, cancel clock on current item
 C-c C-x C-r See clocked times report

Magit

C-x g :: See status in another buffer. Press ? to see options, including:

s Add, stage changes
 u Unstage a change
 k Delete file, changes, locally
 i Ignore file or pattern
 c Commit a change
 x Undo last commit
 l Show log
 P Push
 F Pull
 : Execute raw git command