

## 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.

Read the tutorial with C-h t!

### 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

### Dictionary & Thesaurus

M-\$	Spellcheck word
"M-#"	Synonym for word
"M-!"	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
M-r	relocate point

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

### Mail

C-x m	Compose
C-c C-s	Send
M-x gnus	Read mail

Then,

RET	Open article
B m	Move an article
!	Mark as read, but it keep around
d	Mark as read; archive it.
R	Reply in-place.
r	Reply in clean slate.

Delete an article by moving it to 'Trash'.

## 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<sup>A</sup>T<sub>E</sub>X 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 *after* 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 *any* 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,O 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, O, 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