

## 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. —I'm not trying to be comprehensive; see the existing cheatsheets for [Emacs](#) and [Org](#).

<b>C-h C-h</b>	Help for the help command
<b>C-h h</b>	Learn how to say 'hello'
<b>C-h t</b>	Read the Emacs tutorial
<b>C-h m</b>	Help for current mode
<b>C-h b</b>	Describe all key bindings
<b>C-h i m emacs</b>	Read the Emacs manual

In nearly every Emacs application, press  
**?, h** Obtain help; see listing of possible commands.  
**q** Quit current application, closing buffer.  
 Use [Emacs in any text area on my OS](#) with **Cmd Shift e**.

### Getting Help

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

### Windows

<b>C-x 0, 1</b>	Delete this, other windows
<b>C-x 2, 3</b>	Split window above, to the side
<b>C-x o</b>	Switch cursor to other window
<b>C-x ^</b>	Increase window height
<b>C-x {, }</b>	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.

<b>"s-&lt;arrow&gt;"</b>	Jump to window via arrow key
<b>"M-&lt;tab&gt;"</b>	Flip to next buffer
<b>"M-S-&lt;tab&gt;"</b>	Flip to previous buffer

### Workspace Manager

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

<b>s</b>	Select a space to go to or create it.
<b>n, ↩, p, ↵</b>	Next, previous space
<b>c</b>	Query a perspective to kill.
<b>r</b>	Rename a perspective.
<b>A</b>	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

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

### Marking

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

### Formatting

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

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

### Dictionary & Thesaurus

<b>M-\$</b>	Spellcheck word
<b>"M-#"</b>	Synonym for word
<b>"M-!"</b>	Define word
<b>"M-~"</b>	Grammar check region

### Textual Navigation

<b>C-b, f</b>	←, → character
<b>M-b, f</b>	←, → word
<b>C-p, n</b>	↑, ↓ line
<b>M-g g</b>	go to a line
<b>C-a, e</b>	start, end line
<b>M-a, e</b>	start, end sentence
<b>M-{, }</b>	start, end paragraph
<b>M-&lt;, &gt;</b>	start, end buffer
<b>C-v</b>	down page
<b>M-v</b>	up page
<b>C-l</b>	centre page
<b>M-r</b>	relocate point

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

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

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

<b>"s-p, n"</b>	Previous, next src block
<b>"s-e"</b>	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 <i>all</i> 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 <i>global</i> 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 <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,E	Clock in, out; add effort
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
C-c C-x C-e	Insert effort for current clock

## 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