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.

`C-h h`	Learn how to say 'hello'
`C-h t`	Read the Emacs tutorial
`C-h i m emacs`	Read the Emacs manual

In nearly every Emacs application, press
`?, h` 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 cursour 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 *arg* columns or ←,→
`M-;`	Toggle comment region
`C-M-o`	Move rest of line vertically down
`M-u,l`	Upcase, downcase rest of word
`C-x C-u,l`	Upcase, 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, LaTeX 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,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, 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.

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