The Big Emacs Cheatsheet For version 25

Command line options

--visit=<filespec> | --file=<filespec> | <filespec>

Open filespec into individual buffers for editing. +row[:column]

Move point to line number row and (optional) horizontal position column in the file (default is +1:1).

--insert <file>

Insert file at the beginning of the buffer.

--load <file> | -l <file>

Execute the Emacs Lisp instructions in file.

--g <dimensions> | --geometry

<dimensions>

Set the window's width, height, and position according to the given X window dimensions (the default is to make the window 80x40 characters).

-nw | --no-windows

In X, don't use an X client window, but open in the current terminal window instead. This option doesn't affect console sessions.

Prefixes

C-c

Commands particular to the current editing Kill a buffer (the current buffer, by default). mode

C-x

Commands for files and buffers

C-h

Help commands

M-x

Literal function name

M-! Execute external shell command from within Emacs. The output from the shell command is C-n | DownArrow displayed in the minibuffer or in a separate buffer, Move point down to the next line. depending on the output size. When used with a C-f | RightArrow prefix argument (e.g, C-u M-!), the shell- Move point forward to the next character. command output is inserted in the current buffer C-b | LeftArrow at point.

M-I Provide the region text to the shell command as Move point forward to the next word.

input. If you want the shell to replace the region M-b | C-LeftArrow text with the output from the shell command, use Move point backward to the previous word. C-u M-1.

Buffer and files functions

C-x C-f

Visit a file.

C-x C-s save-buffer

Save current buffer to disk.

Ask for a filename and write the current buffer with that name. Like the command "Save as ..." on other editors.

C-x s save-some-buffers Ask about saving all unsaved buffers to disk.

C-x C-c save-buffers-kill-emacs Ask about saving all unsaved buffers to disk and exit Emacs.

C-x C-z | C-z suspend-emacs Suspend Emacs and make it a background process (press fg | fg %emacs to awake it back.

Switch-to-buffer Display buffer BUFFER-OR-NAME in the selected window.

C-x C-b list-buffers List all buffers.

kill-buffer C-x k

C-x C-a vc-toggle-read-only C-M-n Toggle read-only status on the current buffer Move forward over a parenthetical group. (and perform version control if applicable).

C-x i Insert the contents of a file at point.

Movement and navigation

shell-command C-p | UpArrow previous-line

Move point up to the previous line. next-line

forward-char

Move point backward to the previous character.

shell-command-on-region M-f | C-RightArrow forward-word

C-v | PgDn

Scroll the text upward by a screen.

M-v | PgUp Scroll the text downward by a screen.

Move point to the beginning of the buffer. (On Delete the characters from point backward to the some versions, this key is defined by default to beginning of the word. move to the beginning of the current line.)

Move point to the end of the buffer. (On some undo the last undo (!). versions, this key is defined by default to move to C-x zthe end of the current line.)

Home | C-a Move point to the beginning of the line.

End | C-e Move point to the end of the line.

Move point to the beginning of the sentence.

Move point to the end of the sentence.

beginning-of-paragraph Move point to the beginning of the paragraph.

end-of-paragraph Move point to the end of the paragraph.

Navigating over balanced expressions

forward-list

backward-list insert-file Move backward over a parenthetical group.

> C-M-fforward-sexp

> Move forward over a balanced expression. backward-sexp

Move backward over a balanced expression.

C-M-k kill-sexp

Kill balanced expression forward.

mark-sexp

Put the mark at the end of the sexp.

Common editing commands

overwrite-mode Toggle overwrite mode (default is off).

Backspace | Del delete-backward-char

backward-word Delete the character before point.

C-ddelete-char

scroll-up Delete the character at point.

kill-word scroll-down Delete the characters from point forward to the end of the word.

beginning-of-buffer M-Backspace | M-Del backward-kill-word

undo end-of-buffer Undo your last typing or action. To redo just

repeat

Repeat most recently executed command.

beginning-of-line C-x M-: | C-x M-ESC repeat-complex-command Edit and re-evaluate last complex command. A end-of-line complex command is one which used the minibuffer. The command is placed in the beginning-of-sentence minibuffer as a Lisp form for editing. The result is executed, repeating the command as changed.

end-of-sentence C-q[CHAR] or [NUM] auoted-insert Insert, at point, the literal character keypress or the character whose octal value is XXX.

> C-u[NUM][COMMAND] universal-argument Execute command a total of number (default 4) times in succession.

Functions for marking and killing text

set-mark-command C-Space Set the mark at point.

kill-line Kill all text from point to the end of the line.

kill-region Kill the region.

kill-ring-save Save the region in the kill ring, but don't kill it.

vank

Yank text from the kill ring.

Commands for using rectangles

set-mark-command Marks one corner of a rectangle (point marks the opposite corner).

C-xrk kill-rectangle Kills the current rectangle and saves it in a special 1 rectangle buffer.

C-xrd delete-rectangle Esc Deletes the current rectangle and doesn't save it Prefix for mode-specific commands for yanking.

C-xrc clear-rectangle Esc S | M-S Clears the current rectangle, replacing the entire Escs | M-s area with whitespace.

C-xro open-rectangle Opens the current rectangle, filling the entire area with whitespace and moving all text from the rectangle to the right.

C-xry yank-rectangle Yanks the contents of the last-killed rectangle at point, moving all existing text to the right.

Advanced mark and selection commands

C-u C-space pop-to-mark-command Moves to the previous mark in the mark ring.

exchange-point-and-mark C-0 C-x C-xSwaps the location of point and the mark.

M-@ Marks all text from point to the end of the C-t. current word.

M-hmark-paragraph Marks the current paragraph, regardless of the M-t. location of point.

Toggles Transient Mark mode.

C-x h Marks the entire buffer, regardless of the location the line before it. of point.

Advanced kill and yank commands

[NUM] C-k kill-line Kills integer number of lines. If 0, kills from point to the beginning of the line; if negative, kills in reverse (not sure for version 25).

M-k kill-sentence Kills from point to the end of the sentence.

zap-to-char Zaps all text from point to the specified character. yank-pop Moves to the next slot in the kill ring. [NUM] C-v vank

Yanks the specified slot in the kill ring.

Text mode key bindings

Esc Tab | M-Tab ispell-complete-word center-paragraph center-line

Text manipulation commands

C-x C-i | C-x Tab indent-rigidly This command indents lines in the region (or at

fill-region

letters.

This command fills all paragraphs in the region.

fill-paragraph This command fills the single paragraph at point. delete-horizontal-space This command removes any horizontal space to the right and left of point.

This command opens a new line of vertical space *mark-word* below point, without moving point.

> transpose-chars This command transposes the single characters to the right and left of point.

transpose-words This command transposes the single words to the transient-mark-mode right and left of point.

C-x C-t transpose-lines mark-whole-buffer This command transposes the line at point with

> delete-indentation This command joins the line at point with the previous line. Preface with C-1 to join the line at point with the next line.

> M-uuppercase-wora This command converts the text at point to the end of the word to uppercase letters.

> downcase-word This command converts the text at point to the end of the word to lowercase letters.

> downcase-region This command converts the region to lowercase letters.

upcase-region This command converts the region to uppercase Search and replace commands

C-s [STRING] [C-w] [C-y] isearch-forward Incrementally search forward through the buffer for string (default is the last search string you gave, if any); C-w uses the text from point forward to the end of the word and C-y uses everything from point to the end of the line.

C-r [STRING] [C-w] [C-y] isearch-backward Incrementally search backward through the [...] buffer for string (default is the last search string [^...] you gave, if any); C-w uses the text from point [a-z] forward to the end of the word, and C-y uses everything from point to the end of the line.

C-s Enter C-w [WORD OR word-search-PHRASE] forward Search forward through the buffer for the given word or phrase, regardless of spacing.

C-r Enter C-w [WORD OR word-search-**PHRASE** backward Search backward through the buffer for the given

word or phrase, regardless of spacing.

C-M-s isearch-forward-regexp Incrementally search forward through the buffer for a given regular expression.

isearch-backward-regexp Incrementally search backward through the buffer for a given regular expression.

replace-string

the buffer and replace it with a given string.

replace-regexp \=

Search for a given regular expression from point *?, +?, and ?? non-greedy versions of *, +, and ? to the end of the buffer and replace it with a \ca given string.

query-replace \cl Search for a given string from point to the end of the buffer and, in each instance, query to replace it with a given string.

C-M-% query-replace-regexp Search for a given regular expression from point to the end of the buffer and, in each instance, query to replace it with a given string.

Regular expressions

any character (but newline)

* previous character or group, repeated 0 or more

previous character or group, repeated 1 or more

previous character or group, repeated 0 or 1

start of line end of line

any character between brackets any character not in the brackets

any character between a and z \ prevents interpretation of following special char

 $\lower \$ word constituent

word boundary character with c syntax (e.g. \s- for

whitespace char) \(\) start\end of group

\< start\end of word (faulty rendering: backslash)</p> + less-than and backslash + greater-than)

\ < \ > start\end of symbol

start\end of buffer\string

string matched by the first group nstring matched by the nth group

previous character or group, repeated 3 \{3\}

\{3,\} previous character or group, repeated 3 or

Search for a given string from point to the end of \{3,6\} previous character or group, repeated 3

match succeeds if it is located at point

ascii character

non-ascii character (newline included)

latin character greek character

a digit, same as [0-9] (\d is not [:digit:] supported)

[:alpha:] a letter (an alphabetic character)

[:alnum:] a letter or a digit (an alphanumeric character)

[:upper:] a letter in uppercase

a letter in lowercase [:lower:]

[:graph:]	a visible character	Re-builder	
[:print:]	a visible character plus the space	M-x re-b <ret> re-build</ret>	ler
	character	Start the RE Buider mode.	
_	whitespace character, as defined by	C-c C-q reb-qu	iit
th	e syntax table, but typically [\t\r\n	Quit the RE Builder mode.	
	\v\f], which includes the newline	C-c C-c reb-toggle-ca	
	character	Toggle case sensitivity of searches for RE Build	er
[:blank:]	a space or tab character	target buffer.	
[:xdigit:]	an hexadecimal digit	C-c C-w reb-cop	
[:cntrl:]	a control character	Copy current RE into the kill ring for lat	er
[:ascii:]	an ascii character	insertion.	
\s-	whitespace character	C-c C-s reb-next-mat	
\sw	word constituent	Go to next match in the RE Builder targ	et
\s_	symbol constituent	window.	. ,
\s.	punctuation character	C-c C-r reb-prev-mat	
\s(open delimiter character	Go to previous match in the RE Builder targ window.	et
\s)	close delimiter character	C-c C-i reb-change-synte	ar
\s"	string quote character	Change the syntax used by the RE Builder.	in
\s\	escape character	C-c C-e reb-enter-subexp-mod	de
\s/	character quote character	Enter the subexpression mode in the RE Builde	
\s\$	paired delimiter	C-c C-b reb-change-target-buff	
\s'	expression prefix	Change the target buffer and display it in the	
\s<	comment starter	target window.	
\s>	comment ender	C-c C-u reb-force-upda	ıte
\s!	generic comment delimiter	Force an update in the RE Builder target windo	w
\s	generic string delimiter	without a match limit.	
Regex examples		Registers commands	
[-+[:digit:]	-	C-x r space X point-to-regist	ter
\(\+\ -\)?[(9	Save point to register X.	
\(\.[0-9]+\)	•	C-x r s X copy-to-regist	ter
\<\(\\\#+\)	two consecutive, identical	Save the region to register X.	
+\1\>	words	C-xrxX copy-rectangle-to-regist	ter

Regex examples				
[-+[:digit:]]	digit or + or - sign			
\(\+\ -\)?[0-9]+	decimal number (-2 or			
\(\.[0-9]+\)?	1.5 but not .2 or 1.)			
\<\(\\\+\)	two consecutive, identical			
+\1\>	words			
\<[[:upper:]]\w*	word starting with an			
	uppercase letter			
+\$ trailing whitespaces (note the starting SPC)				
\w\{20,\}	word with 20 letters or more			
\w+phony\>	word ending by phony			
\(19\ 20\)[0-9]\{2\} year 1900-2099				
^.\{6,\} at least 6 symbol				
^[a-zA-Z0-9_]\ decent string for a user				
{3,16\}\$	name			
<tag[^> C-q C-j]*>\(.*?\) html tag</tag[^>				

C-xrrX

copy-rectangle-to-register

Save the selected rectangle to register X.

view-register

View the contents of a given register.

C-xrjX

jump-to-register

Move point to the location given in register X.

C-xriX

insert-register

Insert the contents of register X at point.

Abbreviations

(setq-default abbrev-mode t)

Write this into .emacs to switch abbrev minor mode on at start-up.

tilder Toggles Abbrev mode; with a numeric argument, Bookmark. it turns Abbrev mode on if the argument is -quit positive, off otherwise.

C-x a g add-global-abbrev ~/.emacs.bmk.

-case Define an abbrev, using one or more words before ilder point as its expansion.

Window

C-xal add-mode-abbrev specific to the later current major mode.

C-x a i g inverse-add-global-abbrev natch Define a word in the buffer as an abbrev.

arget C-xail inverse-add-mode-abbrev
Define a word in the buffer as a mode-specific
match abbrev.

arget M-' abbrev-prefix-mark
Separate a prefix from a following abbrev to be
mtax expanded.

C-x a e expand-abbrev Expand the abbrev before point. This is effective even when Abbrev mode is not enabled.

the Expand some or all abbrevs found in the region.

list-abbrevs bdate Display a list of all abbrev definitions. With a dow numeric argument, list only local abbrevs.

edit-abbrevs Edit a list of abbrevs; you can add, alter or remove definitions.

M-/ dabbrev-expand Expand the word in the buffer before point as a dynamic abbrev, by searching for words starting with that abbreviation.

C-M-/ *dabbrev-completion*Complete the word before point as a dynamic abbrev.

Bookmarks commands

C-x r m Bookmark bookmark-set
Set a bookmark named Bookmark.

C-xrl bookmarks-bmenu-list List all saved bookmarks.

bookmark-delete

Delete a bookmark.

C-x r b Bookmark bookmark-jump

abbrev-mode Jump to the location set in the bookmark named ic argument, Bookmark.

bookmark-save

Save all bookmarks to the bookmark file, ~/.emacs.bmk.

Window-manipulation commands

C-x 2 *split-window-vertically*Split the current window in half across the middle, stacking the new buffers vertically.

C-x 4 b switch-to-buffer-other-window
Split the current window in half vertically,
prompting for the buffer to use the bottom
window and making that the active window.

C-x 4 C-o display-buffer

Display a buffer in another window, prompting
for the buffer to use the other window but
keeping the current window active. (If only one
window exists, then split the window vertically to
display the other buffer.)

C-x 4 f find-file-other-window

Open a new file in a new buffer, drawing it in a new vertical window.

C-x 4 r find-file-read-only-other-window
Open a new file in a new read-only buffer,
drawing it in a new vertical window.

C-M-v *scroll-other-window* Scroll to the window that would be the next one to switch to with C-x o.

scroll-all

Toggle the scroll-all minor mode. When it's on, all windows displaying the buffer in the current window are scrolled simultaneously and in equal, relative amounts.

C-x o *other-window*Move the cursor to the next window, and make it the active window.

C-x 0 delete-window

Delete the current window, and move the cursor to the window that would be the next one to switch to with C-x o.

C-x 1 delete-other-windows

Delete all windows except the current window.

C-x 4 0 *kill-buffer-and-window*Delete the current window, and kill its buffer.

C-x 3 split-window-horizontally

Split the current window in half down the Start the Emacs shell. middle, stacking the new buffers horizontally.

follow-mode

Toggle follow, a minor mode. When it's on in a buffer, all windows displaying the buffer are connected into a large virtual window.

C-x ^ enlarge-window Make the current window taller by a line; preceded by a negative, this makes the current window shorter by a line.

C-x } shrink-window-horizontally Make the current active window thinner by a single column.

C-x { enlarge-window-horizontally Make the current active window wider by a single column.

C-x shrink-window-if-larger-than-buffer Start the nXml mode. Reduce the current active window to the smallest C-c C-n possible size for the buffer it contains.

C-x +Balance the size of all windows, making them C-c C-v approximately equal.

and moving point in both buffers to the first after "nXML" in the mode line. character that differs until reaching the end of the tab buffer.

Shell commands

shell-command M-! < cmd >Run the shell command line cmd and display the output.

M-|<cmd>shell-command-on-region Run the shell command line cmd with region contents as input; optionally replace the region with the output.

Run a subshell with input and output through an Emacs buffer. You can then give commands interactively.

Run a subshell with input and output through an Emacs buffer. You can then give commands interactively. Full terminal emulation is available.

Interactive Highlighting

C-x w h [regexp] <RET> [face] highlightregexp Highlight text that matches regexp using face face. The highlighting will remain as long as the

buffer is loaded. unhighlight-regexp C-x w r [regexp] <RET> Unhighlight regexp.

C-x w l [regexp] <RET> highlight-lines-[face] <RET> matching-regexp Highlight entire lines containing a match for regexp, using face face.

nXML mode

M-x nxml-mode

rng-next-error M-C-11 Move to the next location where the document Move the cursor to a position just before the start balance-windows structure is not valid.

rng-validate-mode C-c C-o C-d Turn validation on or off. If validation is turned Hide the children of the current element, as in compare-windows on, in the status line's mode area you will see Compare the current window with the next either "nXML Valid" or "nXML Invalid". If window, beginning with point in both windows validation is turned off, neither word will appear

> indent-for-tab-command Indent the current line according to the level of nested block tags. The indentation is two spaces per level.

> $M-C-\setminus$ indent-region Indent all the lines in the region using the same process as for tab.

> nxml-finish-element Insert an end tag for whatever element the cursor is in.

> nxml-balanced-close-start-tag-inline This command adds the closing ">" and an end tag, and then places the cursor between the tags so you can type the content.

> C-c C-b nxml-balanced-close-start-tag-block Adds the closing ">", then a blank line, then an end tag on yet another separate line. The cursor is left indented at the proper level on the central blank line.

eshell

M-q Reformat the paragraph containing the cursor.

nxml-insert-xml-declaration of the file.

forward-sexp value is nil. M-C-f

Move forward over tag.

M-C-b

Move backward over tag.

M-C-nnxml-forward-element Move the cursor to the end of the next element.

Move the cursor before the previous element.

nxml-down-element M-C-dMove the cursor to the next included element after point, to a position just after the start tag; d is for "down."

nxml-backward-up-element tag of the element containing point; u is for "up."

nxml-hide-subheadings emacs outline-mode.

C-c C-o C-s nxml-hide-subheadings Reverses the action of C-c C-o C-d, revealing the children of the current element.

Managing variables

value.

If set to nil, automatic selection of major mode based on file name extension is turned off. Its Sets the default justification style. The value can default value is a list of file name extensions and be one of left, right, center, full, or none. The corresponding modes.

auto-save-default

If not set to nil, Emacs automatically saves a Selects the default major mode for new files or changed buffer to its corresponding file at preset buffers. The default value is fundamental-mode. intervals. Its default value is t.

Contains the number of character changes after military format, instead of the standard 12-hour which Auto-save mode, if true, is invoked; the format with AM or PM suffix. The default value default value is 300.

Contains the latitude value for the location of the

fill-paragraph user's workstation, in degrees; the default value is

calendar-longitude

Inserts an XML processing instruction at the top Contains the longitude value for the location of the user's workstation, in degrees; the default

calendar-location-name

backward-sexp Contains the value for the location name (such as city, state, and country) for the location of the user's workstation; the default value is nil.

colon-double-space

nxml-backward-element If not set to nil, commands for filling text insert two spaces after a colon instead of one. The default value is nil.

command-line-args

Contains the list of arguments used in the command line that executed the current Emacs session.

command-line-default-directory

Contains the path name of the directory from which the current Emacs session was executed.

compare-ignore-case

If not set to nil, Emacs ignores differences in uppercase and lowercase letters when running the compare-windows function, as described in fifth installment of this series (see Resources). The default value is nil.

confirm-kill-emacs

set-variable If set to nil, Emacs doesn't ask for a confirmation Ask for a variable to change and for the needed when exiting; otherwise, the exit verification might be customized as an Emacs Lisp function *auto-mode-alist* such as y-or-n-p. The default value is nil.

default-justification

default value is left.

default-major-mode

display-time-24hr-format

auto-save-interval If set to t, Emacs displays time in 24-hour is nil.

display-time-day-and-date 4

If not set to nil, Emacs displays time with the Contains the value for the side of the Emacs and other characters. When point is on one of <command prefix> or <keystroke> C-h current day of the week, current month, and frame on which to place the scroll bar: right or the paired characters, the other is highlighted. current day of the month, instead of just the hour left. If set to nil, the scroll bar is turned off. The and minute. The default value is *nil*.

fill-column

Contains the number for the column on each line Contains the number of lines to move through default value is 70.

Specifies the major mode to use for the *scratch* buffer on startup. The default value is list- scrolling. interaction-mode.

if possible. The default value is *nil*.

kill-ring

Contains the contents of the Emacs kill ring.

kill-ring-max

Sets the number of allowable entries in the Emacs kill ring. The default value is 60.

kill-whole-line

If not set to nil, the kill-line function (bound to C-k) kills the current line and its trailing newline System cut buffer. The default value is 20000. character, if the function is executed at the very beginning of the line. The default value is nil.

make-backup-files

If not set to nil, Emacs saves a backup of a buffer before any changes are made to a file of the same name but with a tilde character (*) appended to the end.

Contains the contents of the current mark ring of the buffer.

mark-ring-max

Contains the number of allowable entries in the mark ring. The default value is 16.

mouse-avoidance-mode

Contains a value describing the type of mouseavoidance mode. The default value is nil.

next-line-add-newline

If not set to nil, Emacs adds a new line whenever the down arrow is pressed at the end of the buffer. The default value is nil (in more recent versions of Emacs).

scroll-bar-mode

default value is left.

where text begins to be filled to the next line. The the buffer lines with the scroll-down and scroll-up Display the time of today's sunrise and sunset for name of function that <keystroke>is bound to. initial-major-mode PgUp keys by default). If set to 0, Emacs centers the universal-argument, this function This command opens a new help-buffer window point in the middle of the window when prompts for a specific day.

inverse-video If not set to nil, Emacs makes any whitespace at default value is t. If not set to nil, Emacs inverts the display colors, the end of lines in the current buffer visible. The default value is nil.

If not set to nil, Emacs makes the frame blink instead of ringing the audible system bell. The default value is nil.

x-cut-buffer-max

Sets the maximum number of characters from the kill ring that are also stored in the X Window

Interface functions

column-number-mode

Toggle the display, in the mode line, of the current column the cursor is at, preceded by a C. The default value is *nil*.

Toggle the display of the current time in the mode line. The default value is *nil*.

font-lock-mode

If not set to nil, Emacs turns on the Font Lock mode automatically for the current buffer. The Open a new customization buffer for the option default value is nil.

global-font-lock-mode

If not set to nil, Emacs turns on the Font Lock mode automatically for all buffers. The default value is nil.

line-number-mode

Toggle the display, in the mode line, of the current line the cursor is at, preceded by an L. The default value is *t*.

show-paren-mode

Allows one to see matching pairs of parentheses

Toggle the display of the Emacs menu bar. The <command prefix> or <keystroke>. scroll-step default value is t.

functions (which are bound to the PgDn and the current geographic location. If preceded with C-hk <keystroke>

show-trailing-whitespace Toggle the display of the Emacs toolbar. The C-h 1

Customize functions

customize-changed-options < Enterversion> Open a new customization buffer for all faces, options, or groups that have been changed since the version of Emacs given by version.

customize-customized

Open a new customization buffer for all options and faces that have already been customized but haven't been saved to disk.

customize-face <Enter> <regexp>

Open a new customization buffer for all the face, option, or groups relevant to the regular expression given by <regexp>.

customize-face <Enter> <face>

Open a new customization buffer for the face display-time name given by <face>.

customize-group <Enter> <group>

Open a new customization buffer for the group name given by <group>.

customize-option <Enter> <option>

name given by <option>.

customize-saved

Open a new customization buffer for all faces and options that you've changed with the Customize function.

Help commands

This command performs command completion if given as part of a command, showing all possible input values for the given command.

This command describes all the possible menu-bar-mode commands and functions available for the given

C-h c <keystroke>

describe-key-briefly

sunrise-sunset This command reports in the minibuffer the

describe-key

that describes the function that <kevstroke> is tool-bar-mode bound to.

view-lossage

This command opens a new buffer and displays the last 100 characters typed.

open-dribble-file

This command opens a specified file and dribbles a copy of all keyboard input to that file.

This command gives a list of apropos commands and variables to a given regexp.

C-h a <regexp>

command-apropos This command gives a list of apropos commands

to regexp.

describe-bindings C-h b

This command describes all the valid key bindings for the current major mode in a new help buffer window.

C-h f <function>

describe-function

This command describes the purpose of <function> in a new help buffer window.

C-h v <variable>

describe-variable

This command describes the purpose of <variable> in a new help buffer window.

C-h w <function>

This command describes which keyboard binding (if any) a particular <function> is bound to.

C-h s | F1 s

describe-syntax

Display the Emacs Syntax Table for the current mode (useful for the matching parentheses commands).

INFO commands

Info-help

This command opens a hands-on **Info** tutorial in a new buffer.

Info-exit

This command moves to the last buffer you This command moves the cursor backward to the visited, putting the *info* buffer in the end of last cross reference. the buffer list.

<Enter>

This command follows the cross reference at or near point.

N Info-next This command moves to the current node's Next node.

This command moves to the current node's Previous node.

Info-up This command moves to the current node's Up

D Info-directory This command moves to the Directory node.

Info-last

This command moves to the last node you visited. Info-top-node This command moves to the Top node of the current document.

Info-final-node This command moves to the final node pointed to in the current document.

<Spacebar> Info-scroll-up This command moves forward in the current node by a single screen; if at the end of the node, then move to the Next node.

<Backspace> Info-scroll-down node, then move to the Previous node.

This command goes to the beginning of the it uses a 64-bit clock. current node.

Info document for a given regexp.

Info-next-reference Tab This command moves the cursor forward to the first cross reference.

M-Tab

Documentation files

describe-distribution C-h C-d File DISTRIB: Information on obtaining a copy of the latest distribution of the Emacs software

view-emacs-faq /usr/share/info/; emacs-

mainversion/efaq.gz Emacs FAQ

describe-copying C-h C-c File COPYING: GNU General Public License (GNU GPL)

C-h C-w describe-no-warranty File COPYING: Section "NO WARRANTY" of the GNU General Public License (GNU GPL)

C-h n view-emacs-news File NEWS: News concerning the latest changes in the current version of Emacs

File PROBLEMS: Emacs problems file

C-h C-p Stallman concerning the founding of the GNU M-x customize-group bubbles. Project

C-h t the basics of Emacs

Things you should never know about

This command moves backward in the current The hanoi tower, with a default of 3 discs; M-x node by a single screen; if at the beginning of the hanoi-unix and M-x hanoi-unix-64 uses the unix timestamp, making a move each second in beginning-of-buffer line with the clock, and with the latter pretending

Info-search You are given a 5x5 grid with a central cross This command searches forward in the current already filled-in; your goal is to fill all the cells by toggling them on and off in the right order to win. With an optional digit argument you can change the size of the grid.

animate-birthday-present

Info-prev-reference A fancy birthday present animation.

The animate package is also used by M-x butterfly command, a command added to Conway's Game of Life is a famous example of www.xkcd.com/378/

The object of the game is to find four hidden the life-patterns variable. balls by shooting rays into the black box. There are four possibilities: 1) the ray will pass thru the These classic games are all implemented using the or 4) be deflected immediately, not even being Snake. allowed entry into the box.

in as few moves as possible. When you remove stone (the o) and "jumping" over an adjacent bubbles the other bubbles drop and stick stone into the hole (the .), removing the stone together. You can configure the difficulty of the you jumped over in the process. Rinse and repeat view-emacs-problems game-<difficulty> where <difficulty> is one built in called M-x solitaire-solve if you get of: easy, medium, difficult, hard, or stuck. describe-project userdefined. Furthermore, you can alter the File THE-GNU-PROJECT: Essay by Richard graphics, grid size and colors using Customize: A series of screensavers. Type M-x zone and

File TUTORIAL: Hands-on tutorial for learning simple substitution ciphers (like cryptogram an idle time in seconds. You can turn it off with puzzles) using a helpful user interface.

dissociated-press

It's a semi-randomizing algorithm that takes your A multiplication puzzle where you have to replace

Based on the original ELIZA, the "Doctor" tries stuck. to psychoanalyze what you say and attempts to repeat the question back to you. It simulates a Translates a region into morse code. Undo (C-Rogerian psychotherapist and uses rules, dictated S-_) or M-x unmorse-region to unmorse. into a script, to respond with non-directional questions to user inputs.

Emacs's very own Zork-like text adventure game.

You have to connect 5 squares, tic-tac-toe style. You can customize the group gomoku to adjust

butterfly the size of the grid.

Emacs as an homage to the XKCD strip at cellular automata. The Emacs version comes with a handful of starting patterns that you can blackbox (programmatically with elisp) alter by adjusting

pong | snake | tetris

box undisturbed, 2) it will hit a ball and be Emacs package gamegrid, a generic framework absorbed, 3) it will be deflected and exit the box, for building grid-based games like Tetris and

bubbles It is a peg-based game where you have to end up You must clear out as many "bubbles" as you can with just one stone on the board, by taking a by calling M-x bubbles-set- until the board is empty. There is a handy solver

watch what happens to your screen! You can decipher configure a screensaver idle time by running M-x help-with-tutorial It's a (very complex) package to help you break zone-when-idle (or calling it from elisp) with M-x zone-leave-me-alone.

buffer, runs it through a blender, and displays the the letters with numbers and ensure the numbers add (multiply?) up. You can run M-x mpuzdoctor show-solution to solve the puzzle if you get

morse-region

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The last version of this cheatsheet so as the XML-XSLT source is at https://github.com/PeteZaSayari/emacs-cs.