

Cheatsheet GNU/Emacs

Introduction

These are shortcuts from this configuration. All shortcut are case sensitive. Some shortcut overrides default shortcut... All shortcuts are thought for QWERTY ! se 3/4 of them, the others are here to keep on hand.

!!! Emacs 24 !!! the shortcuts to paste in incremental search has been change since Emacs 24: C-y to paste and M-y to navigate

Explication

C-a means “Control + a”
C-a C-c means “Control + a” and “Control + c”
C-a c means “Control + a” and “c”
C-M-a means “Control + Alt + a”
C is Control
M is Alt (Meta)
S is Shift
H is Menu (Hyper) next to right control
s is Window key (Super)

Basics

C-x C-c Quit Emacs
C-x z repeat last command (continue repeat with 'z')
M-x Open minibuffer to call a function
C-TAB bound to M-TAB (which is already bind to switch windows from window manager)

Move

C-M-HOME begining function
C-M-a begining function
C-M-END ending function
C-M-e ending function
C-M-u begining block
C-M-d begining of subblock
C-M-f move forward accross one balanced expression
C-M-b move backward accross one balanced expression
M-e move forward to next end of sentence
C-c C-u move backward to begining of preproc
M-m move begining of indentation
C-c C-w enable navigation from subword to subword (C mode)
H-LEFT move to the matched parenthesis
H-RIGHT move to the matched parenthesis
END move to end of line
END END move to end of screen
END END END move to end of buffer
HOME move to begining of line
HOME HOME move to begining of screen

HOME HOME HOME move to begining of buffer
M-g move to line number

minor Column Mode

C-x C-n ... set a column to be the cursor place every time you move on another line
C-u C-x C-n unset the column to be the cursor place ...

Ace Jump

F9 move by ace jump word mode
M-F9 move by ace jump character mode
C-F9 move by ace jump line mode
S-F9 move back by ace jump mode

Select

M-h select the whole block/paragraph
C-M-h select the whole function
C-M- select the whole block of source code
C-M-z select word under pointer
C-ENTER select rectangle with CUA rectangle

Mouse

Left Click text selection
Right Click extend selection or popup a context menu
Middle Click paste or select and go

Edit

M-w Copy region or whole line
C-w Cut (kill) region or whole line
C-y Paste (yank)
M-y browse in kill ring memory (after a yank) or helm kill ring
C-M-y browse kill ring in a popup
C-NUMBER M-w Copy in a NUMBER register
C-NUMBER C-y Paste from a NUMBER register
C-S-SPACE . insert at this point (global mark) each copy will be insert at this point and each non move keys
TAB indent correctly current line
TAB TAB indent and hide/show block
C-o insert a new line without moving the cursor
C-M-o insert a new line + align with the cursor
M-/ completion
M-? more completion
M-(..... add parentheses to the region
S-ENTER insert a line without moving the point on it
H-ENTER join with next line and remove all indent
M-ENTER ... insert a new next empty line from anywhere on the current line
C-M-ENTER . insert a new previous empty line from anywhere on the current line
C-c h show/hide block
C-M-l indent the whole function
C-j insert a new line whitout moving

Replace

M-r replace string in buffer or region
M-x flush-lines remove all lines matching a regexp
M-x keep-lines keep all lines matching a regexp

Case

M-u uppercase the word or region
M-l downcase the word or region
M-c capitalize the word or region
M-- SHORTCUT used with previous shortcuts to apply on the previous word and not following
C-x C-l downcase the selected region
C-x C-u uppercase the selected region

Fill

C-c] justify the paragraph
C-c [..... justify the region or line

Rectangle

C-x r r copy region/rectangle in a named register
C-x r i insert a named register like a rectangle
C-x r t replace a region/rectangle by a string
C-x r o insert whitespace rectangle
C-x r d delete region/rectangle
C-ENTER start rectangle selection (CUA)
M-m copy rectangle as normal copy (CUA)
M-s fills rectangle with string (CUA)
M-r replace by regexp in rectangle (CUA)
M-i increase first number on each line (CUA)
M-n insert incremental numbers (CUA)
M-' restrict to line not empty (CUA)
M-' restrict to line match regexp (CUA)
M-a align word at left (CUA)

Switch

M-t switch current word with next
C-M-t swith current word with next (_ not in word)
C-x C-t switch current line with previous
C-t switch current character with previous

Delete

C-x C-o remove all empty line except one
M-SPACE remove all space except one (or empty line)
C-k delete the rest line (put in kill ring)
C-S-BACKSPACE delete the whole line (put in kill ring)
M-d delete forward word
C-z delete backward word
C-(..... delete parenthese with balanced expression
H-/ comment or uncomment region or line
M-DEL delete the forward word
C-DEL delete the forward line

C-~~BACKSPACE~~ delete the backward line
M-~~z~~ delete to a specified character

Undo

M-~~_~~ infinite undo
C-~~/~~ undo (undo tree mode)
C-~~?~~ redo (undo tree mode)
C-x u show undo tree
UP/DOWN move in the tree (undo tree mode)
t show/hide timestamp (undo tree mode)
q quit (undo tree mode)
ENTER...quit (undo tree mode) and toggle ecb compile window
PAGEUP/PAGEDOWN move in the tree by ten undo/redo
C-UP go to the previous node (undo tree mode)
C-DOWN go to the next node (undo tree mode)

File

C-x C-f open file (with helm if used)
C-x C-q toggle read only/read and write
C-x ENTER f dos ENTER save the current buffer with CRLF line endings (`\r\n`)
C-x ENTER f unix ENTER...save the current buffer with LF line endings (`\n`)
C-x ENTER r dos ENTER...reread the current buffer with CRLF line endings (`\r\n`)
C-x ENTER r unix ENTERreread the current buffer with LF line endings (`\n`)
C-c F find file in project (regexp with gtags)
M-f find file by name with grep and show list in dired
M-p reread file (revert-buffer)
C-~~`~~ switch between header/source file
C-F4 switch between header/source file

Bookmarks

C-x r m set the current bookmark
C-x r l show list of bookmarked files
d mark to delete bookmark
e edit annotations
a show annotations
x apply all changes

Buffer

C-x n n invoke narrow (show only the region and do not interact with the rest)
C-x n w quit narrow
F4 kill current buffer and window
M-~~`~~ kill current buffer
C-x C-b show a list of buffers (with helm if used)
H-UP scroll up screen
H-DOWN scroll down screen
C-c f open recent file (with helm if used)

Special buffers

M-2 switch to grep or ack buffer
M-3 switch to compilation buffer
M-4 switch to vc or vc-diff buffer
M-5 switch to occur buffer
M-6 switch to help buffer

Window

C-1 recenter the screen at cursor position
C-1 C-1 recenter the screen at the top
C-1 C-1 C-1 recenter the screen at the bottom
C-x r f store window configuration in a register
C-x r j restore window configuration from a register
C-x + balance windows
C-x C-+ increase font size for the current window
C-x C-- decrease font size for the current window
S-UP/DOWN/LEFT/RIGHT move to the direction window

Split

C-x 2 split horizontally the current window
C-x 3 split vertically the current window
C-x 1 show only the current window (close others)
C-x 0 close the current window
C-x 5 2 show an external window of the current window
C-x 5 0 to quit the external window
M-NumpadDot delete window
M-Numpad0 delete all window except one
M-Numpad2 split horizontally window and go to the bottom
M-Numpad6 split vertically window and go to the right
M-Numpad5 create a new frame and maximize it
M-NumpadENTER delete frame

Size

C-S-UP enlarge vertically window
C-S-DOWN shrink vertically window
C-S-LEFT enlarge horizontally window
C-S-RIGHT shrink horizontally window

Search

Isearch

C-s incremental search forward
C-s C-s incremental search forward with last search
C-r incremental search backward
C-r C-r incremental search backward with last search
C-M-s incremental regexp search forward
C-M-s C-M-s incremental regexp search forward with last search
C-M-r incremental regexp search backward
C-M-r C-M-r incremental regexp search backward with last search
M-s w incremental search a word (not subword)
C-u C-SPACE after incremental search go back to the start

M-% start query replace (during a incremental search)
C-M-v incremental search of word at point
C-o ... list all occurrences in buffer (during incremental search)

Occur

M-s o . show each occurences in this buffer (can be rebind with at point)
C-c e list all occurrences in buffer (with helm if used)
C-M-c list all occurrences in buffer (default word at point)

Grep/Ack

C-F3 search word with ack
M-F3 search in same type of file with ack
F3 next match/error
S-F3 previous match/error

Minibuffer

M-s Move to an earlier item in the minibuffer history that matches a regexp you enter.
M-r Move to a later item in the minibuffer history that matches a regexp you enter.

Register

C-c i insert a register
C-x r SPACE register/bookmark a point in a buffer
C-x r j jump/go to a register/bookmark (by name)
C-x r s save region in a register
C-x r i insert text from a register
M-x append-to-register add region to end of a register
M-x prepend-to-register add region to start of a register

Macro

C-x (..... start record macro
C-x) end record macro
C-x C-k r run macro on region
C-x e run macro
C-x q put a break with asking during a record macro
F8 start last recorded macro
S-F8 start/end macro record
C-F8 name last recorded macro
M-F8 edit last recorded macro
H-F8 select previous recorded macro
H-S-F8 select next recorded macro

Highlight

C-x w r unhighlight regexp

Info

M-= information about region
C-x = information about character
C-u C-x = information about text (face/color/style...)
M-L get number of line
C-h e show “*Messages*”
M-x list-color-display show a list of named color

Help

C-h a regexp search in help
C-h k give help about shortcut
C-h w give shortcut about function
C-h v give help about a variable
C-h f give help about a function
C-c C-b previous topic
C-c C-f next topic
s search
t top topic
l back

Mode

ECB

M-1 show/hide ecb window
F2 (or next mouse button) show/hide compile window
C-c w toggle between two width of ecb window
M-q go to the ecb directory window
M-q M-q go to the ecb directory window and maximize it
M-a go to the ecb source window
M-a M-a go to the ecb source window and maximize it
M-z go to the ecb history window
M-z M-z go to the ecb history window and maximize it
M-\ go to the ecb method window
M-\M-\ go to the ecb method window and maximize it
ENTER go to ecb source when in directory window
M-ENTER ... go to ecb methods when in source window, open in dired when in directory window
ESCAPE go back in edit window (outside ecb)

Languages

C-M-\ indent region
M-; insert a comment in the right place
C-c C-w toggle subword mode (in c-mode)
C-c @ C-d hide block of preproc
C-c @ C-s show block of preproc
F10 invoke compiler

C mode

M-LEFT show/hide block (folding)
M-RIGHT show/hide block (folding)
M-UP hide all block
M-DOWN show all block

CEDET/Semantic

C-c , , Parse current buffer
C-c , j jump to symbol (see M-. in custom)
C-c , u go to the current included file
C-c , g find all references of symbol at point
C-c , G find all call of the current function

Tag (GNU Global, Semantic, Etags)

M- go to the definition of word at point (semantic)
C-> go to the definition of word at point (semantic)
S-LEFT.CLICK go to the definition of word at cursor (semantic)
C-< go back from definition (semantic)
BACK.CLICK go back from definition (semantic)
C-M- find tags with grep (gtags or semantic)
RIGHT.CLICK show a menu of lists of functions/variable/include
C-x C-SPACE go back after using tags search
C-c C-fshow a menu of lists of functions/variable/include with helm

RTRT

C-c p o align init for RTRT
C-c p ; align ev for RTRT
C-c p [..... align init and ev for RTRT
C-c p s align stub
C-c r s remove all space before colon
M-LEFT go previous between test
M-RIGHT go next between test
M-UP go up to SERVICE
M-DOWN go down to END SERVICE
M-PAGEUP hide all block
M-PAGEDOWN show all block

AUCTeX

F10 Save and compile the buffer (useful when used for pdf preview)

Spell

F7 check spelling in the buffer
S-F7 check word spelling at point
M-F7 check region spelling
C-F7 check comment and string spelling in buffer
C-M-F7 change dictionary
C-c \$ change dictionary

Browse Kill Ring

UP previous
DOWN next
C-g quit
ESCAPE quit
F2 quit (when ecb is used)
y insert
i insert
ENTER insert, move and quit
u insert, move and quit
o insert and move
q quit
d delete current killed text
s search forward
r search backward
e edit
n forward
p previous
g update
l occur
h help
MIDDLE CLICK insert

Align

C-c p p align region with rules of current mode
C-c p l align region with regexp
C-c p = align =, ==, +=, *= etc

Version Control

C-x v v do the next logical action on the file
C-x v = diff
C-x v l show history
C-x v i add a new file
C-x v + update
C-x v u undo checkout
C-x v look at other version
C-x v d.. show all files which are not up to date in a directory
C-x v g show track each line who added/edited it
C-x v C-h show all command for Version Control

Subversion

q ... in diff or log view will quit and delete window (toggle ecb compile window)

Clearcase

C-c c c.....gui checkout
C-c c =.....gui diff with previous version
C-c c l.....gui history
C-c c u.....gui uncheckout
C-c c L.....gui version tree
C-c c e.....gui explorer
C-c c v.....gui version properties
C-c c p.....gui element properties
C-c c i.....gui checkin
C-c c f.....gui find checkout
C-c c s.....edit config spec
C-c C-c save and quit config spec (toggle ecb compile window)

Calc

M-Numpad*.....invoke quick calc in minibuffer
C-x * c.....invoke calc in a new buffer
C-x * *.....invoke calc with last used mmode
C-x * q.....invoke quick calc in minibuffer

C-x * r.....grab region/rectangle into calc
C-x * :.....grab region/rectangle and sum the columns
C-x * _.....grab region/rectangle and sum the rows
C-x * x.....quit calc
C-x * e.....grab region, compute and yank the result
y.....yank in buffer
\$.....last result
16#.....prefix for hexadecimal
8#.....prefix for octal
2#.....prefix for binary
d r.....show in the selected base

Calendar

C-c c.....invoke calendar (custom)
d.....show diary of selected day
S.....give sunrise and sunset time
M.....give moon phase

Dired

C-x C-q.....edit name or rights of file (in dired mode)
C-c C-c...apply modification from previous shortcut (in dired mode)
% R.....rename files with regex
H-ENTER.....open with default application in MS Windows
[.....go to parent folder (same key as òn azerty)

Web

This command will invoke web browser.
F12 translate word or region english-french (wordreference.com)
M-F12.....translate word or region french-english (wordreference.com)
C-F12.....conjugate word or region (leconjugueur.com)
S-F12.find french synonym of word or region (synonymes.com)
F11.....search word or region (en.wikipedia.org)
M-F11.....search word or region (fr.wikipedia.org)
C-F11.....search word or region (google.com)
C-M-F11.....search word or region (google.fr)