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 across one balanced expression
C-M-b ........ move backward across 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 beginning of line
HOME HOME ......................... move to beginning 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 an other 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
```

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 ENTER reread 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-l ..................... recenter the screen at cursor position
C-l C-l ....................... recenter the screen at the top
C-l C-l C-l ............... 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...................toogle 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 dictionnary
C-c $....................................change dictionnary
```

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 ôn 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)