

GNU Emacs Quick Reference Card

File handling

C-x C-f find file
C-x C-v find alternate file
C-x i insert file
C-x C-s save file
C-x C-w save as file
C-x C-c exit

Control commands

C-g abort current command
C-x u undo last command
C-_ undo previous edit
M-x revert-buffer undo all changes since
you last saved the file

Help

C-h help command
C-h t start Emacs tutorial
C-h i start info documentation reader
M-x man \leftrightarrow <command> \leftrightarrow read man pages

Navigation

C-f move forward one character
C-b move backward one character
M-f move forward one word
M-b move back one word
C-p move to previous line
C-n move to next line
C-a move to beginning of line
C-e move to end of line
M-a move one sentence backward
M-e move one sentence forward
M-} move forward one paragraph
M-{ move backward one paragraph
C-v scroll up
M-v scroll down
C-x] move forward one page
C-x [..... move backward one page
M-< move to beginning of file
M-> move to end of file
C-l recenter
M-n repeat next command n times
C-u n repeat next command n times

four times if n not specified

Clipboard commands

C-d *or* Del delete character under cursor
M-d *or* M-Del kill word
C-y paste what you cut
C-space mark the beginning or end of file
M-h mark paragraph
M-w copy the marked region
C-w delete a marked region
C-x h mark whole buffer
C-x C-p mark page
C-x C-x exchange location of cursor and mark
M-y after C-y, paste earlier deletion

Formatting text

M-q reformat paragraph
C-M-\ indent each line between cursor and mark
M-m move to first nonblank character on the line
M-^ join this line to the previous one
C-t transpose characters
M-t transpose two words
C-x C-t transpose lines
M-c capitalize the following word
M-u uppercase the following word
M-l lowercase the following word
M-/ word completion

Search

C-s search forward
C-r search backward
C-s C-w incrementally search the word on cursor
C-s C-y incrementally search the word on cursor
till end of line
C-s M-y incremental search with text
from kill ring as search string
C-s C-s repeat previous search
C-r C-r repeat previous search backward
C-M-s \leftrightarrow search regex forward
C-M-r \leftrightarrow search regex backward
C-M-s search regex incrementally forward
C-M-r search regex incrementally backward
C-M-% query-replace regex
M-x query-replace \leftrightarrow Query replace

Responses during query-replace

Space *or* y replace and go to next instance
Del *or* n don't replace, move to next instance
. replace the current instance and quit
, ... replace and let me see the result before moving on
! replace all
^ back up to the previous instance
Enter *or* q exit query-replace
E modify the replacement string
C-r enter a recursive edit
C-w delete this instance and enter a recursive edit
C-M-c edit recursive edit and resume query-replace
C-] exit recursive edit and exit query-replace

Buffer commands

C-x b switch to buffer
C-x C-b display the buffer list
C-x k kill buffer
c-x -> move to next buffer
c-x <- move to previous buffer

Buffer list commands

C-n *or* Space *or* n *or* (down arrow) move to
next buffer, downwards
C-p *or* p *or* (up arrow) move to
previous buffer, upwards
m mark buffers to be displayed in windows
d *or* x mark buffer for deletion
u unmark buffer
Del unmark the previous buffer in the list
s save buffer
~ mark buffer as unmodified
% toggle read-only status on buffer
1 display buffer in full screen
2 display this buffer and next in horizontal window
f replace buffer list with this buffer
o replace other window with this buffer
v display buffers marked with m
q quit buffer list

Windows

C-x 2 split window vertically
C-x 3 split window horizontally
C-x o move to other window
C-x 0 delete current window (C-x zero)

C-x 1 delete other windows
C-x 4 f find file in other window
C-x 4 b select buffer in other window
C-x > scroll right
C-x < scroll left
C-x ^ enlarge window
C-x } enlarge window horizontally
C-x { shrink window horizontally
C-x + balance windows
C-M-v scroll other window
C-x - make window smaller if
 buffer is smaller than window

Frames

C-x 5 2 create new frame on current buffer
C-x 5 o move to other frame
C-x 5 0 delete current frame
C-x 5 f find file in new frame
C-x 5 r find file in new frame, read-only mode
C-x 5 b switch to buffer in new frame

Shell mode commands

M-! run a command
C-u M-! ... run command and output in current buffer
M-h M-! mark region and
 execute command on region
M-x shell enter shell mode
M-x eshell enter eshell mode
C-d send EOF character to buffer;
 delete character elsewhere
C-c C-c interrupt current job. Same as **C-c**
C-c C-d send EOF character
C-c C-z suspend or stop job
C-c C-u erase current line
M-p retrieve previous commands
M-n retrieve subsequent commands
C-c C-o Delete output from last command
C-c C-r ... move first line of output to top of window
C-c C-e .move last line of output to bottom of window
C-c C-p move to previous command
C-c C-n move to next command
M-x ansi-term enter ANSI terminal

Dired commands

C-x d start dired

h display descriptive help text for Dired
n move to next line
p move up a line
+ create a directory
C copy file
R rename file
g re-read the directory from disk
M use chmod command on this file
O change ownership of file
G change group permissions
A do regex search on marked files
B byte-compile file
d flag for deletion
D query for immediate deletion
e edit this file
f find file to edit
v view file
w copy filename to kill ring
H create a hard link to this file
S create symbolic link file
i .. add list of this subdirectory to current dired buffer;
 if already there, just move to it
k remove line from display, don't delete file
L load file
m mark with *
u remove mark
x delete files flagged with D
s sort by date or file (toggles between the two)
t toggle marks on files and directories
o find file in another window; move there
C-o find file in another window; don't move there
P print file
q quit
Q query-replace string in marked files
y display information on type of file
 from file command
Z compress or uncompress file
~ flag backup files for deletion
flag auto-save files for deletion
& flag garbage files for deletion
. flag numbered backups for deletion
= compare this file to another file
 (the one at the mark)
M-= compare this file with its backup file
! *or* **X** ask for shell command to execute on

 the current file or marked files
> move to next directory
< move to previous directory
^ find the parent directory in a Dired
\$ hide or show the current directory
M-\$...hide all subdirectories, leaving only their names;
 repeat to toggle
C-M-n move to next subdirectory
C-M-p move to previous subdirectory
C-M-uif you have inserted subdirectories using i,
 move to the parent directory in this buffer
C-M-dif you have inserted subdirectories using i,
 move the first subdirectory for this directory
 in this buffer
***c** change marks on specified files
***!** *or* **M-Del** remove all marks from all files
****** mark executables
***/** mark directories
***@** mark symlinks
M-} move to the next file marked with * or D
M-{ move to the previous file marked with * or D
%d flag for deletion files that match regex
%g mark files whose contents match regex
%l lowercase marked files
%R rename files with filenames that match regex
%u uppercase marked files

Calendar

M-x calendar displays calendar
 move to today's date
C-f move forward a day
C-b move backward a day
C-n move forward a week
C-p move backward a week
M-} move forward one month
M-{ move backward a month
C-x] move forward a year
C-x [..... move backward a year
C-a move to the beginning of the week
C-e move to the end of the week
M-a move to the beginning of the month
M-e move to the end of the month
M-< move to the beginning of the year
M-> move to the end of the year
g d go to specified date

o put the specified month
in the middle of the display
C-x < scroll forward one month
C-x > scroll backward one month
C-v scroll forward three months
M-v scroll backward three months
Space scroll another window

C motion commands

M-a move to beginning of current statement
M-e move to end of current statement
M-q if in comment, fill paragraph, preserving
indentation
C-M-a move to beginning of function body
C-M-e move to end of function
C-M-h put cursor at beginning of function and
the mark at the end
C-c C-q indent the entire function
C-c C-u move to beginning of current preprocessor
conditional
C-c C-p move to previous preprocessor conditional
C-c C-n move to next preprocessor conditional

Cscope

C-c s, is the common prefix for the following commands
s find symbol
d find global definition
g find global definition (alternate binding)
G find global definition without prompting
c find functions calling this function
C find functions called from this function
t find text string
e find egrep pattern
f find file
i find files including this file
In search results
b display cscope buffer
B auto display *cscope* buffer toggle
n next symbol
p previous symbol
N next file
P previous file
u pop mark (go to previous search entry)
a set initial directory
A unset initial directory

L create list of files to index
I create list and index

Org-mode

<TAB> subtree cycling
S-<TAB> global cycling
C-c C-t rotate the TODO state
C-c C-x C-a archive
C-C C-x C-s or C-c \$ move subtree to
a separate archive file
C-c C-c toggle checkbox status
C-c # update statistics