

Emacs Commands List

C = Control

M = Meta = Alt|Esc

Basics

C-x C-f "find" file i.e. open/create a file in buffer

C-x C-s save the file

C-x C-w write the text to an alternate name

C-x C-v find alternate file

C-x i insert file at cursor position

C-x b create/switch buffers

C-x C-b show buffer list

C-x k kill buffer

C-z suspend emacs

C-X C-c close down emacs

Basic movement

C-f forward char

C-b backward char

C-p previous line

C-n next line

M-f forward one word

M-b backward one word

C-a beginning of line

C-e end of line

C-v one page up

M-v scroll down one page

M-< beginning of text

M-> end of text

Editing

M-n repeat the following command n times

C-u repeat the following command 4 times

C-u n repeat n times

C-d delete a char

M-d delete word

M-De1 delete word backwards

C-k kill line

C-Space Set beginning mark (for region marking for example)

C-W "kill" (delete) the marked region region

M-W copy the marked region

C-Y "yank" (paste) the copied/killed region/line

M-Y yank earlier text (cycle through kill buffer)

C-x C-x exchange cursor and mark

C-t transpose two chars

M-t transpose two words

C-x C-t transpose lines

M-u make letters uppercase in word from cursor position to end

M-c simply make first letter in word uppercase

M-l opposite to M-u

Important

C-g quit the running/entered command

C-x u undo previous action

M-x revert-buffer RETURN (insert like this) undo all changes since last save

M-x recover-file RETURN Recover text from an autosave-file

M-x recover-session RETURN if you edited several files

Online-Help

C-h c which command does this keystroke invoke

C-h k which command does this keystroke invoke and what does it do?

C-h l what were my last 100 typed keys

C-h w what key-combo does this command have?

C-h f what does this function do

C-h v what's this variable and what is its value

C-h b show all keycommands for this buffer

C-h t start the emacs tutorial

C-h i start the info reader

C-h C-k start up info reader and go to a

certain key-combo point

C-h F show the emacs FAQ

C-h p show infos about the Emacs package on this machine

Search/Replace

C-s Search forward

C-r search backward

C-g return to where search started (if you are still in search mode)

M-% query replace

Space or y replace this occurrence

Del or n don't replace

. only replace this and exit (replace)

, replace and pause (resume with Space or y)

! replace all following occurrences

^ back to previous match

RETURN or q quit replace

Search/Replace with regular expressions

Characters to use in regular expressions:

^ beginning of line

\$ end of line

. single char

.* group or null of chars

\< beginning of a word

\> end of a word

[] every char inside the brackets (for example [a-z] means every small letter)

M C-s RETURN search for regular expression forward

M C-r RETURN search for regular expression backward

M C-s incremental search

C-s repeat incremental search

M C-r incremental search backwards

C-r repeat backwards

M-x query-replace-regexp search and replace

Window-Commands

C-x 2 split window vertically

C-x o change to other window

C-x 0 delete window

C-x 1 close all windows except the one the cursors in

C-x ^ enlarge window

M-x shrink-window command says it ;-)

M C-v scroll other window

C-x 4 f find file in other window

C-x 4 o change to other window

C-x 4 0 kill buffer and window

C-x 5 2 make new frame

C-x 5 f find file in other frame

C-x 5 o change to other frame

C-x 5 0 close this frame

Bookmark commands

C-x r m set a bookmark at current cursor pos

C-x r b jump to bookmark

M-x bookmark-rename says it

M-x bookmark-delete "

M-x bookmark-save "

C-x r l list bookmarks

d mark bookmark for deletion

r rename bookmark

s save all listed bookmarks

f show bookmark the cursor is over

m mark bookmarks to be shown in multiple window

v show marked bookmarks (or the one the cursor is over)

t toggle listing of the corresponding paths

w " path to this file

x delete marked bookmarks

Del ?

q quit bookmark list

M-x bookmark-write write all bookmarks in given file

M-x bookmark-load load bookmark from given file

Shell

M-x shell starts shell modus
C-c C-c same as C-c under unix (stop running job)
C-d delete char forward
C-c C-d Send EOF
C-c C-z suspend job (C-z under unix)
M-p show previous commands

DIRectory EDitor (dired)

C-x d start up dired
C (large C) copy
d mark for erase
D delete right away
e or f open file or directory
g reread directory structure from file
G change group permissions (chgrp)
k delete line from listing on screen (don't actually delete)
m mark with *
n move to next line
o open file in other window and go there
C-o open file in other window but don't change there
P print file
q quit dired
Q do query-replace in marked files
R rename file
u remove mark
v view file content
x delete files marked with D
z compress file
M-Del remove all marks (whatever kind)
~ mark backup files (name~ files) for deletion
mark auto-save files (#name#) for deletion
*/ mark directory with * (C-u * removes that mark again)
= compare this file with marked file

M-= compare this file with it's backup file
! apply shell command to this file
M-} change to the next file marked with *
od D
M-{ " previous "
% d mark files described through regular expression for deletion
% m " (with *)
+ create directory
> changed to next dir
< change to previous dir
s toggle between sorting by name or date

Maybe into this category also fits this command:

M-x speedbar starts up a separate window with a directory view

Telnet

M-x telnet starts up telnet-modus
C-d either delete char or send EOF
C-c C-c stop running job (similar to C-c under unix)
C-c C-d send EOF
C-c C-o clear output of last command
C-c C-z suspend execution of command
C-c C-u kill line backwards
M-p recall previous command

Text

Works only in text mode

M-s center line
M-S center paragraph
M-x center-region name says

Macro-commands

C-x (start macro definition
C-x) end of macro definition
C-x e execute last defined macro
M-n C-x e execute last defined macro n

times

M-x name-last-kbd-macro give name to macro (for saving)

M-x insert-keyboard-macro save named macro into file

M-x load-file load macro

M-x macroname execute macroname

Programming

M C-\ indent region between cursor and mark

M-m move to first (non-space) char in this line

M-^ attach this line to previous

M-; formatize and indent comment

C, C++ and Java Modes

M-a beginning of statement

M-e end of statement

M C-a beginning of function

M C-e end of function

C-c RETURN Set cursor to beginning of function and mark at the end

C-c C-q indent the whole function according to indentation style

C-c C-a toggle modus in which after electric signs (like { } ; , /*) emacs does the indentation

C-c C-d toggle auto hungry mode in which emacs deletes groups of spaces with one del-press

C-c C-u go to beginning of this preprocessor statement

C-c C-c comment out marked area

More general (I guess)

M-x outline-minor-mode collapses function definitions in a file to a mere {...}

M-x show-subtree If you are in one of the collapsed functions, this un-collapses it

In order to achive some of the feats coming up now you have to run etags *.c *.h *.cpp (or what ever ending you source files have) in the source directory

M-. (Thats Meta dot) If you are in a function call, this will take you to it's definition

M-x tags-search ENTER Searches through all you etaged

M-, (Meta comma) jumps to the next occurence for tags-search

M-x tags-query-replace yum. This lets you replace some text in all the tagged files

GDB (Debugger)

M-x gdb starts up gdm in an extra window

Version Control

C-x v d show all registered files in this dir

C-x v = show diff between versions

C-x v u remove all changes since last checkin

C-x v ~ show certain version in different window

C-x v l print log

C-x v i mark file for version control add

C-x v h insert version control header into file

C-x v r check out named snapshot

C-x v s create named snapshot

C-x v a create changelog file in gnu-style