

GNU Emacs

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How to get out: C-x C-

Help

- describe mode C-h m
- describe a key sequence C-h k
- describe function C-h f
- Search help (apropos) C-h a
- describe key bindings C-h b
- Which key for command C-h w
- describe variable C-h v

Buffers

- Go to other buffer C-x b
- Go NEXT buffer C-x right
- Kill buffer C-x k
- List all buffers C-x C-b
- Go PREVIOUS buffer C-x left

Load & Save Files

- Find file C-x C-f
- Replace buffer w/ file C-x C-v
- Save all buffers C-x s
- Note: FTP file name syntax: /username@systemname:/path/file
- Toggle read only C-x C-q
- Find file at point fzap
- Save buffer C-x C-s
- Save buffer (new name) C-x C-w

Movement & Scrolling

- character C-b C-f
- word M-b M-f
- line C-p C-n
- line start/end C-a C-e
- sentence M-a M-e
- page C-x [C-x]
- sexp M-C-b M-C-f
- paren group/quotes A-left A-right
- up/down paren structure M-C-p M-C-n
- function or LaTeX begin/end M-C-d M-C-u
- buffer start/end M-C-a M-C-e
- Scroll up/down screen M-< M->
- Scroll left/right screen C-v M-v
- Center on current line A-v
- goto line char column non-blank char PgUp PgDn
- M-g g M-g c M-g TAB M-m

Marking

- mark word M-@
- mark sexp M-C-SPC
- Swap mark & point C-x C-x
- mark paragraph M-h
- mark function M-C-h
- Set mark C-SPC
- mark buffer C-x h
- rect mode C-x SPC

Kill, Yank & Delete

- delete-char DEL C-d
- kill-word M-DEL M-d
- kill-line M-0 M-k C-k
- kill-sentence M-x DEL M-k
- kill-sexp M-C-DEL M-C-k
- kill-entire-line C-S-DEL
- kill-region C-w
- copy region M-w
- kill to char (backward with prefix) M-z char
- yank C-y
- yank without moving point C-u C-y
- yank nth kill C-n C-y
- copy to kill ring M-w
- replace yank older kill M-y
- Delete blank lines at point C-x C-o
- Delete whitespace at point M-\
- Delete indentation M-~
- Append Next Kill M-C-w
- delete-trailing-whitespace
- delete-whitespace-rectangle

Registers

- Append region to register (delete with prefix) C-x r a
- Copy region to register (delete with prefix) C-x r x
- Copy rectangle to register (delete with prefix) C-x r r
- Store point in register (frame with prefix) C-x r SPC
- Store Window configuration in register C-x r w
- Insert region or rectangle from register C-x r i
- Jump to point/frame/window config in register C-x r j
- view-register

Rectangles

- delete C-x r d
- yank C-x r y
- kill C-x r k
- string C-x r t
- open C-x r o
- clear C-x r c
- Nnumber Lines C-x r N
- copy * C-x r r
- Tog Rect Select C-x SPC

Narrowing

- narrow-to-region C-x n n
- narrow-to-defun C-x n d
- widen C-x n w

Spell Check (ispell/flyspellqq)

- ispell-region
- ispell-buffer
- ispell-kill-ispell
- ispell-comments-and-strings
- flyspell-mode
- flyspell-prog-mode

Bookmarks

- set C-x r m
- bookmark-save
- jump C-x r b
- bookmark-load
- list C-x r l
- bookmark-delete

Faces

- Set Default M-g d
- Set Underline M-g u
- Set Bold M-g b
- Set Other M-g o
- Set Italic M-g i
- Set Bold Italic M-g l
- facemenu-remove-all

Calculators

- calc-mode C-x * c
- Eval region ESC M-:
- (quick) modeline calc C-x * q
- simple calculator M-x calculator

Tabs

- Untabify region M-x untabify
- Width variable tab-width
- Tabify region M-x tabify

Windows

- move to other C-x o
- delete window C-x 0
- delete other window C-x 1
- kill buffer & window C-x 4 0
- Resize & Create
 - split-window C-x 2 C-x 3
 - enlarge C-x ^ C-x }
 - shrink --- C-x {
 - balance-windows C-x + C-x + Works in all directions
 - shrink to fit C-x - ---
- After windmove-default-keybindings
 - windmove-down S-down
 - windmove-right S-right
 - windmove-up S-up
 - windmove-left S-left
- Do it in another window
 - diread C-x 4 d
 - find-tag C-x 4 .
 - find-file C-x 4 f
 - find-file-RO C-x 4 r
 - switch-to-buffer C-x 4 b
 - add change log C-x 4 a

Formatting

- indent current line
- indent region
- Move rest of line down
- set fill column
- Align on regex align-regexp
- indent sexp M-C-q
- indent region rigidly C-x TAB
- fill paragraph M-q
- set fill prefix C-x .

Line Oriented Operations

- count-lines-region
- delete-matching-lines
- list-matching-lines (M-s o)
- sort-lines
- delete-non-matching-lines
- After list-matching-lines, hit [e] to edit, hit [C-c C-c] when done

Repeating & Arguments

- Repeat 4 times C-u
- Repeat n times C-u n C-u
- Repeat n times M-n
- Use it n times to repeat 4^n times
- n may be ± digit or just the '-' sign.

Search & Replace

- query-replace M-%
- Interactive replace responses:
 - Replace & next y
 - Replace & stop .
 - Replace & stay ^
 - Replace all !
 - Skip & next n
 - Previous match ~
 - Exit q
 - Edit replacement E
 - Recursive edit C-r
- query-replace-regex M-C-%

Search

- string search C-r
- regex search M-C-r
- During search:
 - Stop ret
 - line for search C-y
 - word for search C-w
 - Symbol @ point M-s .
- Incremental Backward Forward
- Non-incremental Backward Forward
- C-s C-r
- C-s ret C-s ret
- M-C-s M-C-r ret M-C-s ret
- Abort search C-g
- kill buffer for search M-y
- Toggle regex mode M-r
- Toggle case sensitivity M-c
- Search in files M-x find-grep

hi-lock-mode

- unhighlight C-x w r
- highlight-symbol-at-point C-x w .
- highlight-regex C-x w h
- highlight-lines-matching-regex C-x w l

Tags & XRef

- xref-find-definitions M-.
- xref-find-apropos M-C-.
- xref-query-replace-in-results
- Jump back M-,
- find next C-u M-.
- tags-query-replace
- tags-search
- Find Refs M-?
- tags-apropos

Emacs Regular Expression Syntax

- Standard Stuff: ^ \$. * + [...] \n
- Start of word \<
- End of word \>
- Grouping \(...\)

Keyboard Macros

- Start keyboard macro def C-x (
- execute last macro C-x e
- End keyboard macro def C-x)
- apply-macro-to-region-lines

Mule

- Set filename cod C-x RET F
- Set buffer process cod C-x RET p
- Set language C-x RET l
- Set buffer file cod C-x RET f
- Unicode by name/hex C-x 8 RET

Snippets (yasnipet & insert functions)

- Reload all snippet definitions M-x yas-reload-all
- Create a new snippet M-x yas-new-snippet
- Show active snippet definitions M-x yas-describe-tables
- Expand snippet C-c e
- Insert date string C-c d
- Mitch's Magic comments ESC M-;

LaTeX & AcTeX

- Typeset/View C-c C-c
- Insert Env C-c C-o
- Insert Item M-RET
- Mark Env C-c .
- Mark Section C-x *
- Narrow to Env C-x n e
- Insert Section C-c C-s
- View Errors C-c '
- Close Env C-c]
- Complete TeX M-TAB
- Fill Env C-c C-q C-e
- Fill Section C-c C-q C-s
- Fill Paragraph C-c C-q C-p
- Fill Region C-c C-q C-r

Editing Binary Files (hexl-mode)

- exit hexl mode C-c C-c
- goto-hex-address M-g
- insert-decimal-char M-C-d
- enter hexl mode <exl-mode
- goto-address (dec) M-j
- insert-hex-char M-C-x

IDO find-thingy bindings

- Use input string verbatim C-j
- fallback to non-Ido mode C-f
- Ask for dir to create M-m
- Ask for dir and use find M-d
- Edit input string C-e
- Open dir in Dired mode C-d
- Ask for file and use find M-f
- Show matches another window ?

Shell Commands & Buffer Contents

- Run shell command M-!
- Prefix argument (C-u) causes above to insert result at point
- Run cmd on region M-|

Version Control

- action (ci/co) C-x v v • ediff C-x v = • merge C-x v m
- ver other win C-x v ~ • annotate C-x v g • cancel ver C-x v c
- delete file C-x v x • create tag C-x v s • register C-x v i
- change log C-x v a • print log C-x v l
- git-blame-mode

git-status

- mark-file m • find-file RET • view-file v
- toggle-marks T • unmark-file u • mark-all M
- ignore-file i • commit-file c • add-file a
- see-ignored t i • remove-file r • revert-file U
- log-file l • see-unknown t k • see-up-to-date t u
- diff-other d o • diff = • branch C-c C-b
- diff-base d b • checkout C-c C-o

Diff Mode

- context mode C-c C-d • Next Hunk M-n • Goto Source C-c C-c
- unified mode C-c C-u • Prev Hunk M-p • Refine Hunk C-c C-b

ediff

Starting ediff

- files: • ediff • ediff3 • ediff-merge
- buffers: • ediff-buffers • ediff-buffers3 • ediff-merge-buffers
- dirs: • edirs • edirs3 • edirs-merge
- dirs(VC): • edir-revisions • edir-merge-revisions
- files(VC): • ediff-revision • ediff-merge-revisions
- regions: • ediff-regions-wordwise • ediff-regions-linewise
- Scrolls buffers UP v • Scrolls buffers DOWN V
- Scrolls buffers LEFT < • Scrolls buffers RIGHT >
- Jump previous difference p • Jump next difference n
- Jump first difference j
- Recomputes the difference ! • Refine current difference *
- Maximizes/restores frame m • horizontal/vertical split |
- Terminates Ediff session q • Ediff session info i
- skip whitespace diff ## • toggle case sensitivity #c
- skip regex match #h • skip regex non-match #f

Source Code Modes

Generic

- Magic comments M-;
- beginning-of-defun M-C-a
- indent exp/subprog M-C-q
- end-of-defun M-C-e

Fortran 77

- fortran-split-line M-C-j
- Move block start M-C-p
- Move back statement C-c C-p
- fortran-column-ruler C-c C-r
- fortran-join-line C-c C-d
- Move block end M-C-n
- Move next statement C-c C-n
- Quick 73col window C-c C-w

Fortran 90

- f90-mark-subprogram M-C-h
- f90-beginning-of-block M-C-p
- f90-previous-block C-c C-a
- f90-next-block C-c C-e
- f90-next-statement C-c C-p
- f90-next-statement C-c C-n
- f90-join-lines C-c C-d
- f90-end-of-block M-C-n
- f90-next-block C-c C-e
- f90-next-statement C-c C-n
- f90-insert-end C-c C-w

C/C++

- Move statement start M-a
- Move statement end M-e
- c-macro-expand C-c C-e
- Indent function C-c C-q

GUD

- Run C-c C-r • Start GDB M-x gdb • Start perl M-x perlbd
- Continue M-c • Step ASM inst C-c C-i • Set break C-x SPC
- Step line C-c C-s • Up arg frames M-u
- Step func C-c C-n • Down arg frames M-d
- Del breaks C-c C-d

Speedbar

- refresh g • close-frame q
- next n • prev p • buffer mode b • file mode f
- File Mode: • Copy C • Delete D • Rename R • Mkdir M

Interactive Lisp Mode (*scratch*)

- eval-print-last-sexp C-j • eval-defun M-C-x
- lisp-complete-symbol M-TAB • indent-sexp M-C-q

ESS (R)

- eval eval and-go and-step
- eval-buffer C-c C-b C-c M-b -----
- eval-region C-c C-r C-c M-r -----
- eval-paragraph ----- C-c M-p C-c C-p DR C-c C-c

Inferior Modes (lisp/shell/sql/SLIME/etc..)

- Insert last argument C-c . • comint-kill-input C-c C-u
- Move to last prompt C-c C-p • Move to next prompt C-c C-n
- Recall last input C-up • Recall next input C-down
- Last matching input M-r • Next matching input M-s
- Clear last output C-c C-o • Move to buffer end C-c C-e
- Write last result to file C-c C-s • backward-kill-word C-c C-w

Fun Stuff

- M-x bubbles • M-x blackbox • M-x pong • M-x lunar-phases
- M-x tetris • M-x life • M-x snake • M-x sunrise-sunset

Time Clock

- M-x timeclock-generate-report
- M-x timeclock-in • M-x timeclock-out • M-x timeclock-change

rmail

- Open mbox file (rmail-input) i
- Message/Summary Actions
- Send m • Next line n • Last line > • First line <
- reply r • Prev line p • forward f • Full header t
- Summarize • All h • Regexp M-C-s
- Topic M-C-t • Recipients M-C-r • Senders M-C-f

SLIME

- Object Info & Docs
- Who Calls func C-c C-w c • Who func calls C-c >
- Who References var C-c C-w r • Who Binds var C-c C-w b
- Who Sets var C-c C-w s • Who expands Macro C-c C-w m
- Apropos C-c C-d C-a • Hyperspec Lookup C-c C-d h
- Describe Function C-c C-d C-f • Describe Symbol C-c C-d C-d
- Code Editing
- File: Compile & load C-c C-k • Eval defun@pt M-C-x
- File: Compile C-c M-k • Eval expression@pt C-x C-e
- File: Load C-c C-l • Eval region C-c C-r
- REPL Interaction
- Close () and eval C-return • Interrupt C-c C-c
- Repl Shortcut , • Clear entire buffer C-c M-o
- Misc (any mode)
- Interactive Eval C-c : • Buffer Selector C-c s

Org-Mode

- Visibility & Motion
- Rotate visibility TAB • Show everything C-u C-u C-u TAB
- previous heading C-c C-p • next heading C-c C-n
- Structure Editing
- insert heading M-RET • edit/create link C-c C-l
- demote subtree M-S-LEFT • promote subtree M-S-RIGHT
- narrow to subtree C-x n s • toggle checkbox C-c C-c
- re-align the table C-c C-c
- move column left M-LEFT • move column right M-RIGHT
- move row up M-UP • move row down M-DOWN
- Babel
- eval block C-c C-c • eval subtree blocks C-c C-v s
- no confirmation C-c C-v C-e • no confirmation C-c C-v C-s
- eval buffer blocks C-c C-v b • create a block C-c C-v d
- TODO
- DEADLINE timestamp C-c C-d • SCHEDULED timestamp C-c C-t
- Set higher priority S-<UP> • Set lower priority S-<DOWN>
- Time Tracking
- Clock-In on item C-c C-x C-i • Clock-Out on item C-c C-x C-o
- Display clock info C-c C-x C-d • Insert time report C-c C-x C-r
- Misc
- Display agenda C-c a • insert timestamp C-c .
- export dispatcher C-c C-e

Dired

- Starting Up
- Normal C-x d • Subtree glob M-x find-name-dired
- 'find' M-x find-dired • Grep hits M-x find-grep-dired
- Basic Bindings
- Change sort/lis options s • Update the dired buffer g
- Insert subdirectory listing i • Remove subdirectory listing k
- Copy filenames to kill ring w • Create a subdirectory +
- (full path with 0 prefix arg) • Enter directory ENTER
- Cursor Movement Backward Forward
- Line p n
- Directory < >
- Subdirectory M-C-p M-C-n
- Marked File M-{ M-}
- Power Delete (d) files • Remove all tags U • Tag auto-save files #
- Tag for delete d • Remove tag u • Tag backup files -
- Tag via regex %d • Delete files tagged x
- Marking (*) Files
- Unmark all U • Toggle marks t
- Mark current File m • Unmark current file u
- Mark simlinks * s • Mark executables * *
- Matching regex %m • containing regex %g
- Operate on Current or Marked (*)
- chgrp G • chown O • copy C • sh command !
- chmod M • touch T • symlink H • sh command on each C-u !
- lowercase %D • uppercase %U • hardlink S • Search in A
- print P • compress Z • rename R • Search-n-replace Q
- Operate Current File
- visit f • View read only v
- visit other window o • diff file @ mark =
- yank attributes at point during chgrp, chown, or touch: M-n
- Krazy dired edit C-x C-q

EShell

- Interactive functions
- complete list M-? • predicate help C-c M-q • man cur command C-c M-h
- kill process C-c C-k • modifier help C-c M-m • list-processes C-c C-s
- list history C-c C-l • mark output C-c M-o • insert buffer name C-c M-b
- complete lisp sym M-C-i
- Movement Previous Next
- matching-input-from-input M-p M-n
- matching-input M-r M-s
- input C-c M-p C-c M-n
- prompt C-c C-p C-c C-n
- argument C-c C-b C-c C-f
- Eshell functions in lisp code
- eshell-extended-glob • eshell-environment-variables
- eshell-envvar-names • eshell-interactive-print
- Redirection
- > overwrite • #'a-lisp-variable • /dev/eshell -- Print to Eshell
- >> Append • #<buffer a-buffer-name> • /dev/null -- NULL device
- >>> Insert at point • a-file-name • /dev/clip -- clipboard
- /dev/kill -- kill ring
- Expansion
- \$var Value of var (a LISP variable) • \$#var Length of value bound to var
- \$(lisp) Result of LISP s-expression • \${command} Output of shell command