Emacs tutorial

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Screen layout

- emacs reference card very helpful!!!!
- http://www.gnu.org/software/emacs/refcards/pdf/refcard.pdf
- ^ ctrl key; M- meta key. Meta usually esc, also option key on mac
 - key-key hold down both keys ^-y
 - key key release between keys, usually in combination M-g g
- \$emacs filename to open file
 - \$emacs without a filename brings you into emacs buffer
- Greybar file name, line number, percentage, command executed

Files

- Exit a file: ^-x ^-c
- Save: ^-x ^-s
 - **filename** last saved version
 - #filename# auto recovery of unsaved file
- Save as: ^-x ^-w
- Find file: ^-x ^-f will open a new file if does not exist
- Kill command (quit): ^-g
- **Split screen horizontally:** ^-x 2: (C-x 3 vertically)
- Move between screens: ^-x o
- Close active screen: ^-x 0
- Close non-active screen: ^-x 1
- Add line-numbers: M-x global-linum-mode

File editing

- Search forward: ^-s Search reverse: ^-r
- Search all occurrences: M-x occur
- Undo: ^-shift-_
- Go to line #: M-g g
- Beginning of line: ^-a
 End of line: ^-e
- Move backward by word: M-b forward: M-f
- Beginning of buffer: M-< End of buffer: M->
- Search & replace: M-% enter text to search and replace; spacebar -replace one occurrence at a time); ! replace all occurrences without asking
- Search & replace all: M-x replace-string enter change and replaces all occurrences

File editing

- Advance one screen: ^-v Reverse one screen: M-v
- Cut: ^-space at beginning of text, ^-w and end of text
- Copy: ^-space at beginning of text, M-w and end of text
- Paste: ^-y
- Line wrapping: M-x toggle-truncate-lines
- Bracket highlighting: M-x show-paren-mode

Block editing

Remove a block:

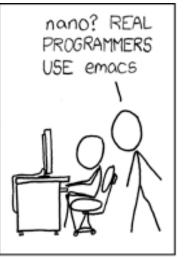
- ^-space at beginning (upper left corner)
- ^-x r k set at bottom right, one column beyond what you want cut
- **^-shift-**_ undo cut

String rectangle (add comments to code)

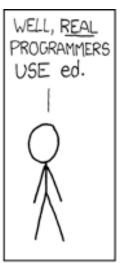
^-space at beginning (upper left corner)

- ^-x r t add pattern at prompt
- ^-x r k to remove if several steps later
- M-x comment-region adds comments specific to file type

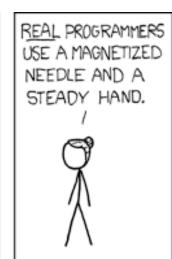
Real Programmers

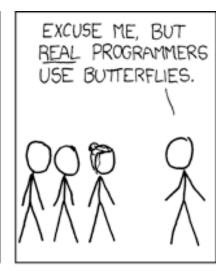














THE DISTURBANCE RIPPLES OUTWARD, CHANGING THE FLOW OF THE EDDY CURRENTS IN THE UPPER ATMOSPHERE.





THESE CAUSE MOMENTARY POCKETS OF HIGHER-PRESSURE AIR TO FORM,

WHICH ACT AS LENSES THAT DEFLECT INCOMING COSMIC RAYS, FOCUSING THEM TO STRIKE THE DRIVE PLATTER AND FLIP THE DESIRED BIT.

