Emacs tutorial

Deb Triant

Screen layout

- emacs reference card – very helpful!!!!
- http://www.gnu.org/software/emacs/refcards/pdf/refcard.pdf

- C – ctrl key; M- meta key. Meta usually esc, also option key on mac

- $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**: C-x C-c
- **Save**: C-x C-s

   filename~ - last saved version

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

File editing

- **Search forward:** C-s **Search reverse:** C-r
- **Undo**: C-x u
- **Go to line #:** M-g g
- **Beginning of line:** C-a   **End of line:** C-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
- **Advance one screen:** C-v   **Reverse one screen:** M-v
- **Cut:** C-space at beginning of text, C-w and end of text
- **Copy:** C-space at beginning of text, M-w and end of text
- **Paste**: C-y
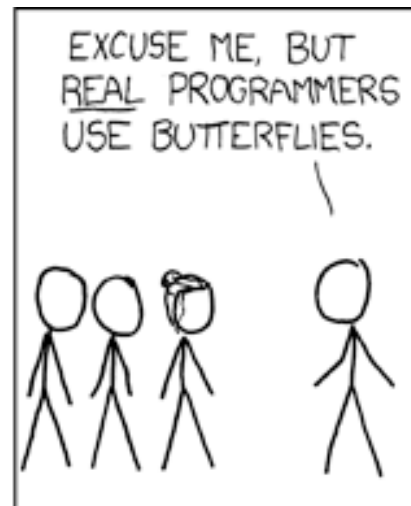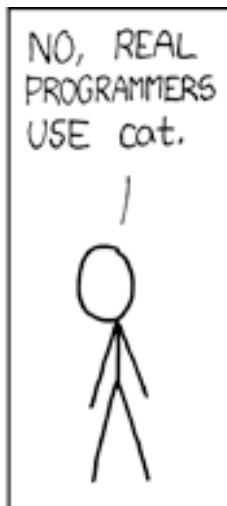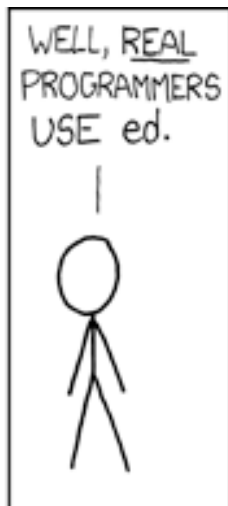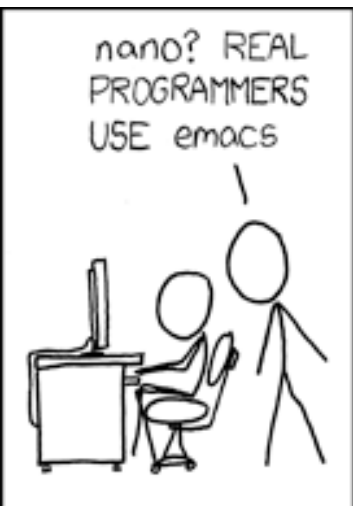- **Line wrapping**: M-x toggle-truncate-lines

Block editing

Remove a block:

- **C-space** at beginning (upper left corner)

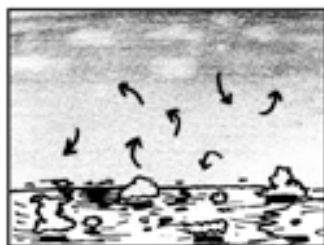- **C-x r k** - set at bottom right, one column beyond what you want cut

- **C-x u** - undo cut

String rectangle (add comments to code)

- **C-x r t** - **C-x r k** - to remove if several steps later

Real Programmers