

Emacsmorgasbord

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What is it?

- A text editor
- 40 years old (70's)
 - In human terms ~3600 BC
- Steady growth
- New renaissance b/c scripting languages

Relevance

- Hundreds of add-ons
- Lots of batteries included
- Works everywhere
- Very well supported
 - `#emacs`
 - `gnu.help.emacs`

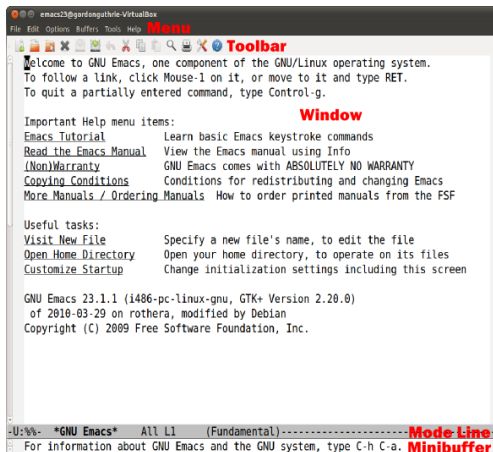
This talk ..

- Not flame-bait
 - Also covers Emacs' faults
- No knowledge required
- Developer biased (because I am one)
- But also applicable to sysadmins
- Linux biased

This talk . . .

- A whirlwind tour
- No explanations of every keyboard shortcut
- Yes, advanced material!
- Not going for complete understanding
- Defocus, magic-eye
- Please ask questions!

Terminology



- 'Window' == 'buffer'
- The whole thing is a 'frame'

- 'Control-g' or 'Esc' - quit whatever I'm doing
- 'C-/ ' - undo and 3 other keybindings + 'Edit -> Undo'

Minibuffer

- Invoke with 'M-x'
- 'M' = "Meta" = 'Alt'
- All your commands go here
- 'M-x find-file' opens a (new) file

- 'M-x describe-function' - view docs and keyboard shortcuts
- 'M-x describe-key' - what function does a shortcut invoke
- 'M-x describe-variable' - view docs and current value
- 'M-x info' - general Help facility

Revisit Find-File

- 'M-x describe-function find-file'

Self-help using Menu Example

- View docs on 'Insert File'
- 'M-x describe-key C-x i'

Self-help with Toolbar

- Requires slightly more experience
- Know it's called a "toolbar"
- Probably a map somewhere
- Probably stored in a variable
- Try 'M-x describe-variable'
- Also works with 'minibuffer'

Structured self-help

- 'M-x info'

Undo

- State is never lost
- 'Redoing' is undoing an undo
- Yes, it's confusing

Undo-Tree

- Visualize changes in a tree
- Go back to any point
- Timestamp changes
- Diff mode

Cutting/Copying

- All cuts and copy's are saved to the 'kill-ring'
- 'C-y' pastes the most recent thing
- 'M-y' goes back in history
- 'M-x describe-variable kill-ring' - view the kill-ring

Rectangle Mode

- Select/delete/paste rectangular blobs of text
- Good for column based editing
- 'ps -aux' example
 - keep only root processes with pids
- Can't go past EOL
 - Vim's Visual block is much better
- 'df -h' example
 - Move mount points before the usage

Picture mode

- Drawing ASCII diagrams
- Fixes all the issues with rectangle-mode
- Can select arbitrary regions

- Match and edit lines that match regex

- python example

- this talk

- Show code file

Org-table

- Simple Table
- Df revisited

References

- <http://learn-elisp-for-emacs.org>