

Re-Framing my Learning with Emacs

Theory - <https://theoryware.net>

2022-06-10

The Problem

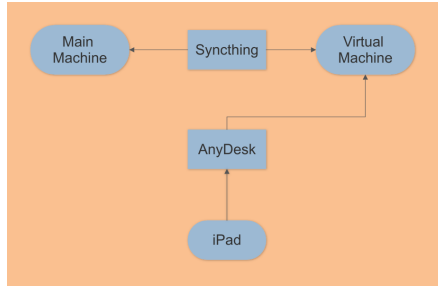
I wanted to utilize the tools I am used to.

- ▶ iPads, with web applications.
- ▶ Wasn't particularly efficient, useful, or easy.
- ▶ I don't have any Apple devices at home.
- ▶ For a digital solution, it was the "bare minimum".

The Ideal Requirements

- ▶ Easy to sort/access/edit/export.
- ▶ Fully offline, small file size.
- ▶ Easy to read the source, as well as the final product.
- ▶ Versatile export.

My First Go - Markdown



- ▶ Single file notes, written with Markdown.
- ▶ Published with pandoc, with its extra features as well.
- ▶ iPad as a thin client for a Virtual Machine to access notes.
- ▶ Synchronized with Host System.
- ▶ Network latency became a big issue with this setup.

Trying it with Emacs

- ▶ I suck at writing lisp.
- ▶ My configuration was slow (7+ second startup).
- ▶ My VM networking solution was even slower now.

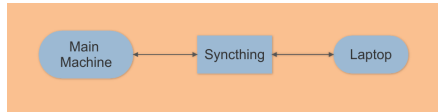
Enter: Doom Emacs!



Doom provided everything I wanted

- ▶ Org-mode, a feature I *really* wanted
- ▶ Sane defaults with minimal required tooling.
- ▶ Great community and maintainer.
- ▶ Funny gaming reference

The New Solution



- ▶ Local machines and local work only.
- ▶ Syncs once systems are on the same network.
- ▶ No reliance on school's variable connectivity.

Workflow - Deft

```
Deft
work_notes --- #title: work_notes *company name:* Sungate Systems * Notes 2022-06-09 14:26
ytpandocseries --- #title: ytpandocseries #filetags: yt pandoc :OPTS: :END: 2022-06-08 01:38
Doomconf Notes --- * Introduction * The Problem - schools use ipads with web t 2022-06-07 01:20
git --- #title: git * Preamble ** Clock * Outline ** Basics git commit (amen 2022-06-06 19:10
Security debreif --- #title: Security debreif * Sun Jun 5 13:20:47 2022 ** d 2022-06-05 22:53
Notes Refile --- * James Startup notes [2022-06-05 Sun 20:42] previously from 2022-06-05 20:51
frapepref --- #title: frapepref :OPTS: :END: Reference Commands for frape 2022-05-31 12:39
Physics Fair --- :OPTS: :END: * Dates ** 2022-05-30 14:27
Notes Index --- * NOTE work email [2022-05-29 Sun 11:38] ask in email to coordi 2022-05-29 21:36
Tasks --- #title: Tasks * Tasks - [ ] add img link upload to scrot script [ 2022-05-29 14:29
My take on Public Transport and car cultrue --- * My take on Public Transport a 2022-05-23 21:40
Log --- #title: Log #startup: overview * Log: doomconf presentation #date: < 2022-05-22 22:15
Physics Notes --- :OPTS: :END: * Physics Time movie notes ** 2022-05-18 13:06
Interstellar Reflection --- * The importance of Relativity Interstellar focuses 2022-05-10 11:00
Phys_board_elems --- #title: Phys_board_elems :OPTS: :END: 2022-05-12 00:43
Math Notes --- :OPTS: :END: * Properties of Logarithms Basic e 2022-05-03 14:41
C Libraries --- Becuse shit is cool * Where to find - https://github.com/clibs 2022-05-01 18:31
Spanish Grammar Notes --- :OPTS: :END: * Definite Articles & Nou 2022-04-27 10:23
Created 2022-04-27 Wed 00:03 --- X Created 2022-04-27 Wed 00:03 X Intended LaTe 2022-04-27 00:03
Gen_relativity_reading_guide --- * Notes :PROPERTIES: :NOTER_DOCUMENT: gen_rela 2022-04-15 12:20
guide to music collection/tagging --- * Emoad Album Art Use .jpg files to main 2022-04-11 23:52
virtio/vfio Passthrough --- * Misc notes after setup, some of the normal virtua 2022-04-11 11:57
ytvideos --- * Planned Videos [[file:ymusicitagging.org][Music Tagging]] * Fini 2022-04-09 01:07
Ytmusicitagging --- * flac and mp3 tagging? 2022-04-08 23:42
ytfzf --- #title: ytfzf video on fzf??? 2022-04-08 22:28
ytdiff --- #title: ytdiff Simple video on using the diff + patch tools # Not 2022-04-08 22:28
ytmux --- #title: ytmux Tmux tutorial??? 2022-04-08 22:28
ytnotetaking --- #title: ytnotetaking *Video Title:* FOSS notatkin solutions 2022-04-08 22:28
Deft loaded 44 files.
```

- ▶ Abstracts hidden directory structure
- ▶ Easily Create/Copy/Delete notes
- ▶ Query through files by title

“Topics” are usually a heading within topic file, relevant content nested underneath.

- ▶ A Heading is usually a note, assignment, or other important topic.
- ▶ Content is nested under each main heading.
- ▶ Generally categorized with similar topics.
- ▶ Notes are either in a file or capture template.

Workflow - Capture templates



Capture templates I use to store things I want to remember, but without changing my focus.

- ▶ For things that I want to remember, but not lose focus on the current task.
- ▶ Stuff goes into either `refile.org` or `notes.org`
- ▶ Captured things are either refiled or discarded.

The main reason I liked org

- ▶ The export dispatcher is really powerful.
- ▶ You can customize it.
- ▶ It works really well with publishing.
- ▶ Subtree export.

Subtrees in a Topic file are individually exported.

This workflow was pretty cool and useful, but in hindsight

- ▶ I didn't interact with it much due to other factors
- ▶ A lot of stuff wasn't digital
- ▶ I only used this system for about 3/4ths of a semester

- ▶ Convenient “universal markup language”
- ▶ Project management
- ▶ Documenting/Organizing code
- ▶ Self documentation
- ▶ Betraying vim

Conclusion

I like org-mode and emacs now.