nty/global//global/global

Note Taking Implementation

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Contents

Old Thoughts

Comparison of Non linear wiki discussions   Notetaking

<2019-11-02 Sat> [2019-11-02 Sat 19:44]

Other people have also liked the non linear nature of *OneNote* and *Evernote* However they lament the obvious problems with both:

Problems

- Resource intensive

- non portable

- proprietary and untrustworthy

- really complicated

- limited support for

- Code

    - mathematics

        * although with vim, markdown, org mode etc. you lose the benefit of drawing you can include *PNG* and *PDF* files so it's only really a minor loss.

What to do

So what first needs to happen is acknowledging that there will be Many different types of documents as notes at least what's listed below.

What I need to do is get all notes in one place and then implement a searching and filtering mechanism, now what I'd rather is unending tags as an help and then use interlinked markdown files in the single directory linking to each other (using the `gf` shortcut in vim to open links.

It's possible that *VimWiki* would make this easier, previewing files can be achieved with a pandoc compilation, although then the problem is previewing as I click through them which is a nuisance.

`Org mode` May have stricter definitions and that may make this whole interlinking affair a little simpler. There's nothing to So me instituting vin wiki for other things and I can still institute my typical vim bindings, ultimately I've gotta get my notes in order and anything else will be pouring lipstick on a pig.

definite notes

- HTML

- PDF and or *.tex

- *.md and or *.org

Probable Notes

- .r and .rmd

- .txt snippets

- `.sh` scripts

- im not sure how these would be notes but it may be such that they will be in a Notes directory.

unlikely

- Png

- gif

- maybe GeoGebra files

– these are ask things u may use as notes and I need to expect that to happen

Generally

Other people with similar issues

I don't know whether preview would work with a vim wiki and how it works in org mode but everybody on the vim subreddit swears by org mode despite the preference for vim. At least in this post apparently this video is worth watching and it sounds like *spacemacs* fixed a lot of things.

I'll be honest though, I'm not a massive fan of beorg because it doesn't seem to offer very much over mweb really, I wonder if org mode will integrate well with markdown and TeX filled though.

The general consensus is that for managing your notes as a wiki and or markdown library is:

- Vimwiki

  - This actually sounds really nice
  - I think however you would need an index file to tie everything together, but I love how it sounds

- vim notes

  - I don't know anything about this

- org mode

  - I like that this is an accepted standard
  - I like that I can get HTML and PDF out of it, I like that I can create internal links

I could used vim wiki for something given how much I feel good about it but it seems that org mode will do exactly what I want which is not taking and management with acceptable export, for different types of hours I can still implement markdown and full blown latex though. [BROKEN LINK: init]

Accessing on iPad

So *Dropbox*:

- Will search PDF files

- cant really open HTML files because it can't follow links

- Readdle Documents is pretty good.

  Documents will:

- Search and preview PDF and HTML files

  but neither will search `md` files:
  MWeb Will:

- Search and preview `md` files

  Also you can use *HackMD*.
  Hack md supports tags in a game just like notable and will synch with a `Git` repo, bear that in mind.
  But generally having multiple formats in the notes directory may merely be necessary.
  Working copy would be ideal actually,

Testing TikZ

In order to include tikz refer to Including Tikz Plots in `1.org`

TODO R and RMarkDown

<2019-12-29 Sun>

TODO Are there add-ons or plug ins for R studio?

Think like embedded LATEX previews

TODO What is R studio built in

Given that it is FOSS and really nice to use, it it's a robust editor like `elisp` rather than ElectronJS it's probably really worth investing in.

DONE Is JuliaPro FOSS

It was weird that I had to register to get it, it's just Juno which is just an add on for ' Atom' but I don't Want to get invested in it just to be burnt.

Yep, MIT, Licence, all Good.

TODO Figure out multiple cursors

- ☐ RMD

- ☐ Atom

- ☐ Juno

- ☐ VS Code

- ☐ emacs

TODO Figure out how to fuzzy find in Juno

TODO Can RStudio be a note taking app?

If I created a project of all my DataScience work in notebooks, could I use the Fuzzy Find Features and quick preview of Notebook files to use it as a way to review all my past work?

TODO is there a way to display the Markdown output in the preview pane with a saved preview in the folder?

Then it would basically do the job as a tool to peruse and preview past work.

As a matter of fact I could put all my work in the same place and I'd never need to search for it to begin with.

TODO is there a way to display the Markdown output in the preview pane

TODO Try `RNotebook` and see if the HTML Rendering is Live

TODO Try BookDown Serve_{Book} for Live Preview Notebook

TODO Try previewing rather than knitting RMD in /*R*/Studio

R blah

TODO Raw MD Files

TODO Are there Other ways to fuzzy search Raw MD Files

Yeah VS Code will do it really well
Atom kinda works but not as well

- I still need to test `Brackets`

- I'm not going to bother with Sublime because it's not FOSS

Thus far these are the packages that I've tried:

Program	FOSS	Fuzzy Search	Live Update	Preview
'Abricotine'	YES	NO	NO	NO
'Typora'	NO	NO	NO	YES
'Notable'	Was	YES	YES	YES
'Boostnote'	Was	YES*	YES	YES
'Joplin'	NO	NO	NO	YES
'emacs'	YES			
'atom'	YES			
'VSCode'	Maybe?			
'Ranger'	Yes	Probably	Maybe?	Not Yet?
'Ranger Alt¿	YES			

TODO Transcribe Joplin Note

Try

TODO Try Notes Extension in VSCode

Does this VSNotes extension help manage markdown notes in VSCode?

TODO Transcribe Mweb Note

TODO Julia Workflow

TODO Does Julia have like an RMD file

Is there an accepted method for literate programming in Julia?

- Markdown

- Rstudio Rmarkdown

- Org

- Jupyter

Be mindful that you can run Julia from R and R from Julia so there might be better ways to do things.

TODO Is the Juno IDE Suitable as a note taking location Like RStudio?

TODO Is there a VSCode Plug in for Juno?

TODO Try Juno in ESS and Org

TODO Python and Java Workflow

Best way for literate Programming with Other Languages

- ☐ `Org-mode`

- ☐ `RStudio RMarkdown`

- ☐ Jupyter

TODO Clean up All Boostnote Notes and interlink them