

Jekyll App Idea

Problem to solve:

How to keep and organize all personal knowledge

But not another “capturing app” like pocket, evernote web clipper, bookmarks, etc.

Inspiration

David Allen GTD

(what i mean by “capturing”)

Drawing inspiration from:

- atom markdown-preview-enhanced
- Inkdrop // Quiver
- Evernote
- Jekyll sites
 - documentation theme [link](#)
- Blog posts
 - [creating personal knowledge base](#)
- distill.pub
- tiddlywiki
- boostnote
- org-mode
- paperwork
- reveal-jekyll
- jekyll-documentation-theme

Idea:

Write once, publish anywhere

- Markdown
- HTML
- PDF
- Slides in reveal.js
- Jupyter Notebooks

For blogs, personal notes, homework assignments, work to be shared, website portfolios, etc.

Looks nice – published mode and edit mode

Audience I have in mind:

- Definitely students and academic researchers
- but also tech workers
- anyone writing a blog or doing some kind of information collection and sharing
- people who like text files

Features

Core:

- write everything in markdown
- kramdown
 - support mathjax
 - linking between notes
 - images
 - some pure html snippets
- full text search
- tagging and categories
- pretty, readable theme [documentation example](#)

Desired:

- extending kramdown's possibilities (slightly)
 - diagrams (graphviz in viz.js)
 - code stuff (with Jupyter Notebooks?)
 - making jekyll play nice with Jupyter like Pelican/Sphinx can I think
 - anything interactive?
- export to reveal.js format
- build on a dockerfile
- use github OAuth to make personal sites
- very few package dependencies
- javascript mindmap [example](#)
- NLTK or similar javascript library...
 - to do text/data-mining on your notes
- linking with google drive or some file server (so we can link to resources)
 - example: writing notes about multiple recently published papers, wanting to link to them

Advanced:

- modify an atom extension for viewing/editing notes
- d3.js visualizations embedded

Far-flung:

- electron app as the editor
 - (don't really like this idea because I want all the possibilities and comfort of a user's favorite text editor)
 - but maybe a “simple” version for end users

Tools involved:

- Jekyll
 - Liquid
 - kramdown
 - SASS
- Github pages
- Text editor

Take advantage of

- Dropbox
- Git
- Linking to pages