Static Site Generator Daino: Landing page

The Example Homepage produced by daino list differences to other SSG and gives rationale for its design. It points to the source and how to use it to run your own web site.

1 Daino: A Static Site Generator - Test1

A static site generator designed by an academic to allow:

- web pages written as (Pandoc) markdown (with YAML header for title and `bibtex` references, etc.),
- page layout inspired by Tufte and using `w3c` framework to adapt to different screen sizes,
- publication list for download produced from `bibtex` database,
- offer printable `pdf` files for all content; for some directories compilation from multiple pages on a single *booklet* page,
- web site using multiple languages,
- content and appearances (theme) separated,
- a single `yaml` file for setup, and
- a self-contained result which can be hosted on any web server.

1.1 Software reuse:

Daino uses `pandoc` and other packages on `Hackage` (e.g. shake, twitch, scotty)[1]. Relies on `git` for version management and runs on PC(AMD) or Raspberry Pi 4 (ARM64) hardware.

[1] It was influenced by Chris Penner's slick, newer, and seemingly simpler is `Ema` by Sridhar Ratnakumar, but the documentation did not detail its features neither how it is built.

1.2 Example site

Thn example site shown here can be donloaded or clones from github.

If `daino` can be installed from hackage or downloaded or cloned from `git clone git@github.com:andrewufrank/daino.git` and installed with `cabal install` or `stack install`[2].

To run the test site, start daino in it `dough` directory `daino -qs` and rendered in a browser as `localhost:3000`. The web pages written in markdown can be edited and the server restarted to update the site.

1.3 Running your own site

Copying the folder `douch` to a suitable directory and edit the `settinsNN.yaml` file found there is enough to start your own site with running `daini -qs` in this directory.

2 More information:

The following pages explain the rationale for "yet another static site generator" and show with examples how it can be used.

Produced with 'daino' (version Version versionBranch = [0,1,5,2], versionTags = []) from /home/frank/Workspace11/dainoSite/index.md

[2] Initial compilation and linking brings in a large number of packages, e.g. pandoc, and may take a while; on a typically AMD computer 30..60 Minutes, on a ARM64 (e.g. RaspberryPi4) twice as long for the initial installation.