

website: [vanderbi.lt/codegraf](http://vanderbi.lt/codegraf)

# GitHub Pages websites

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# CodeGraf landing page

- [vanderbi.it/codegraf](http://vanderbi.it/codegraf)

website: [vanderbi.lt/codegraf](http://vanderbi.lt/codegraf)

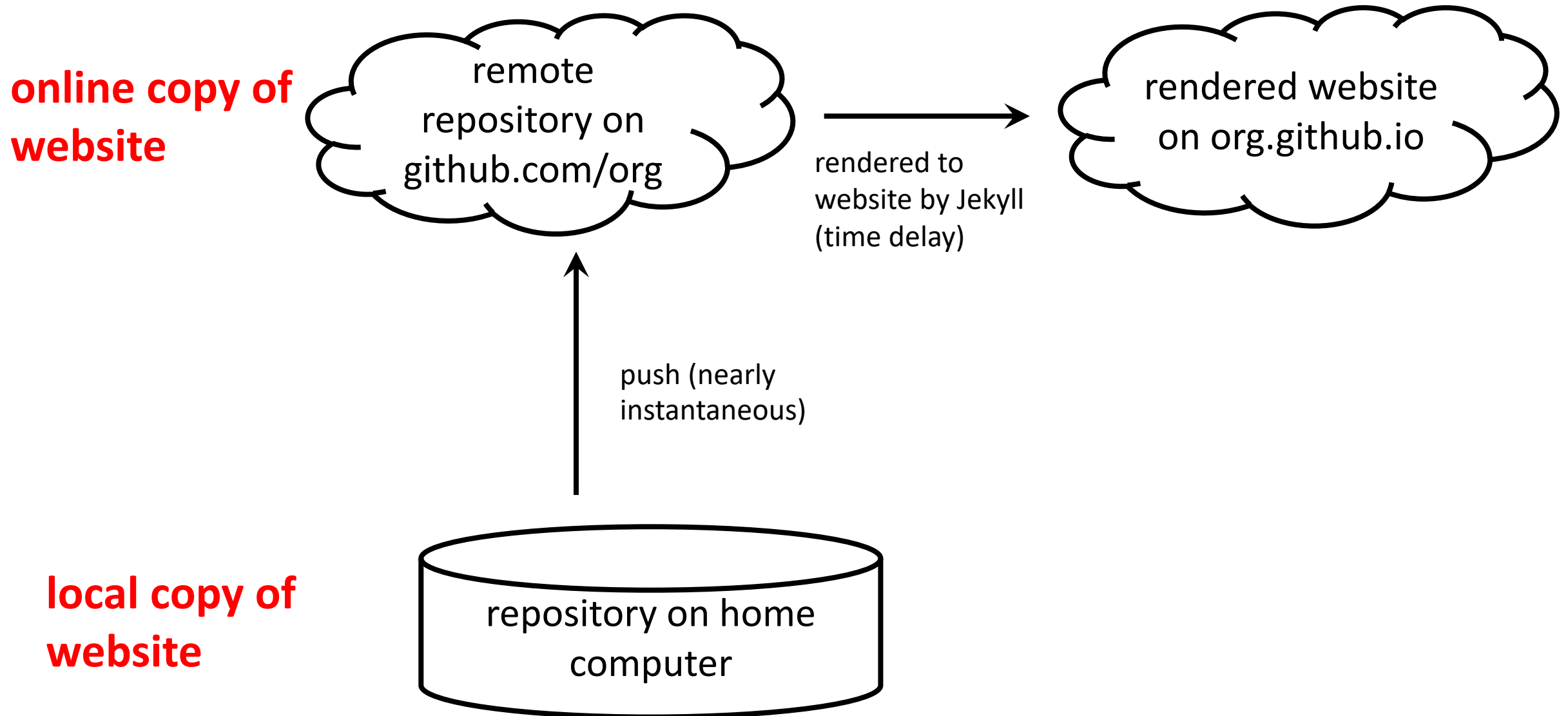
# Concepts

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# Managing a website using GitHub Pages



website: [vanderbi.lt/codegraf](http://vanderbi.lt/codegraf)

# Website setup

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# Creating the home page

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# Page themes

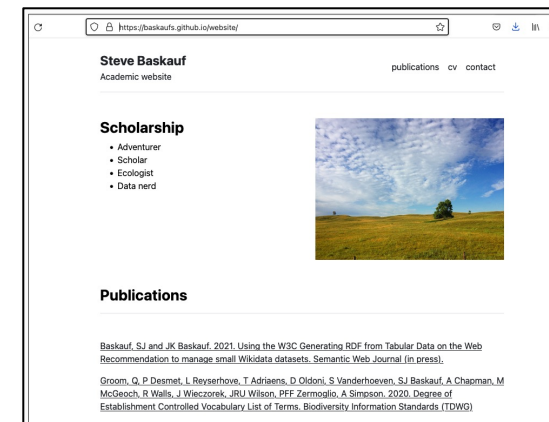
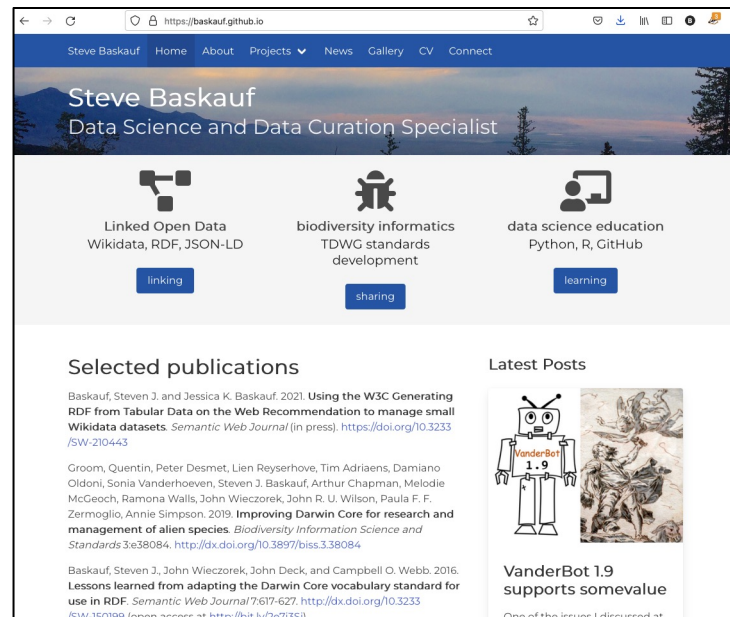
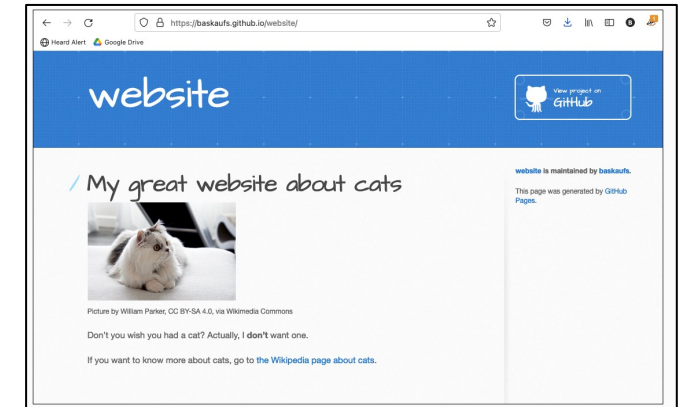
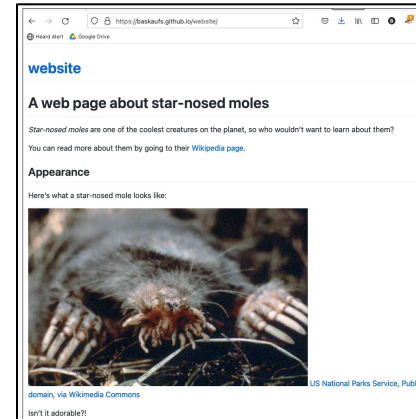
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# Levels of themes

- Level 0: no theme
- Level 1: canned theme
- Level 2: remote theme (content only locally)
- Level 3: remote theme (forked repository)





# config.yml

- YAML = simple configuration format based on **key: value** pairs
- Theme configuration controlled by **config.yml** file.
- Other YAML at the top of pages may control page-specific formatting.
- The theme README.md page describes how to customize

## **# Site Settings**

**remote\_theme: chrisrhymes/bulma-clean-theme**

**lang: en**

**title: Steve Baskauf**

**tagline: Vanderbilt University Libraries**

**...**

website: [vanderbi.lt/codegraf](http://vanderbi.lt/codegraf)

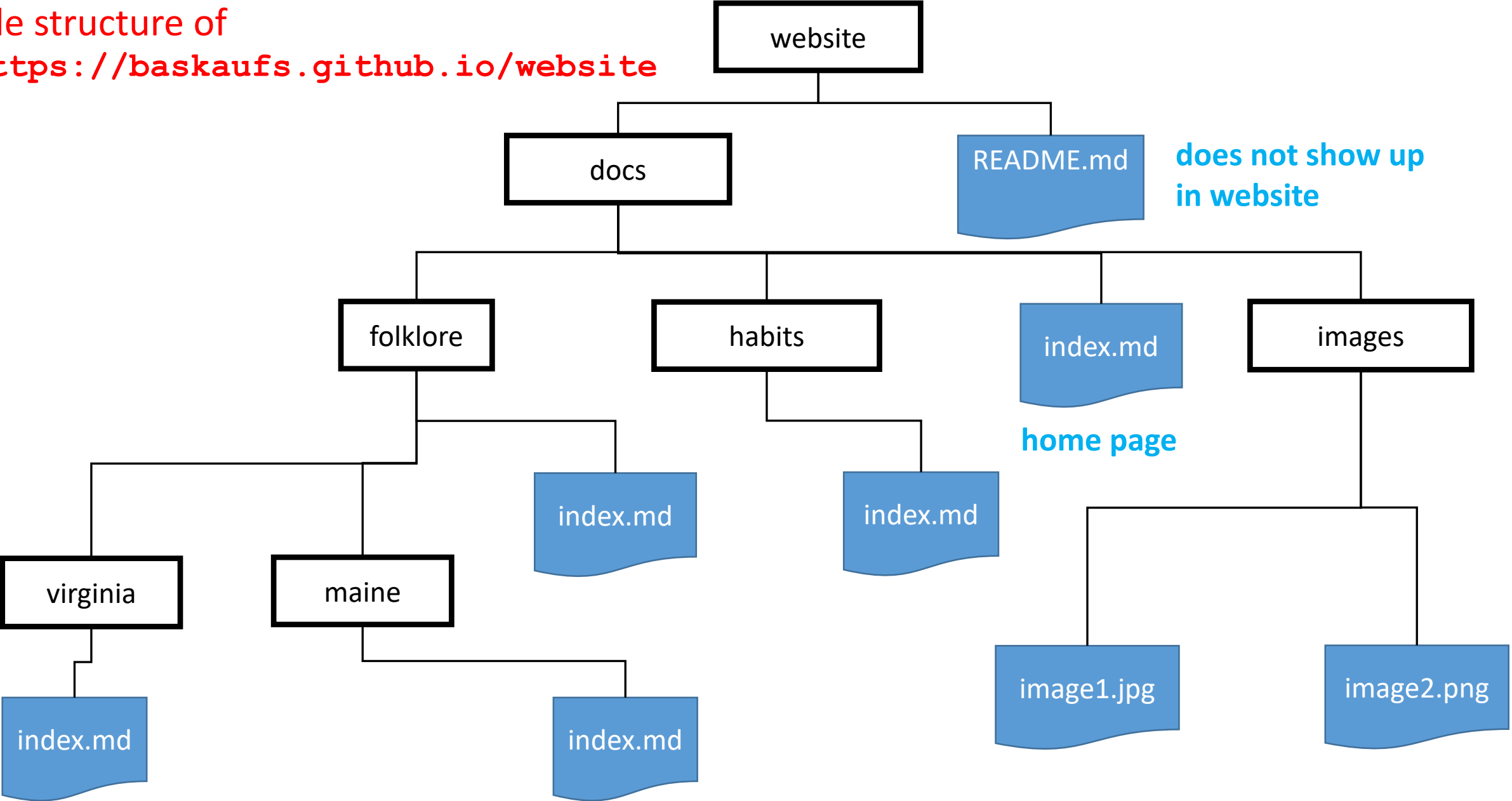
# Creating other static pages

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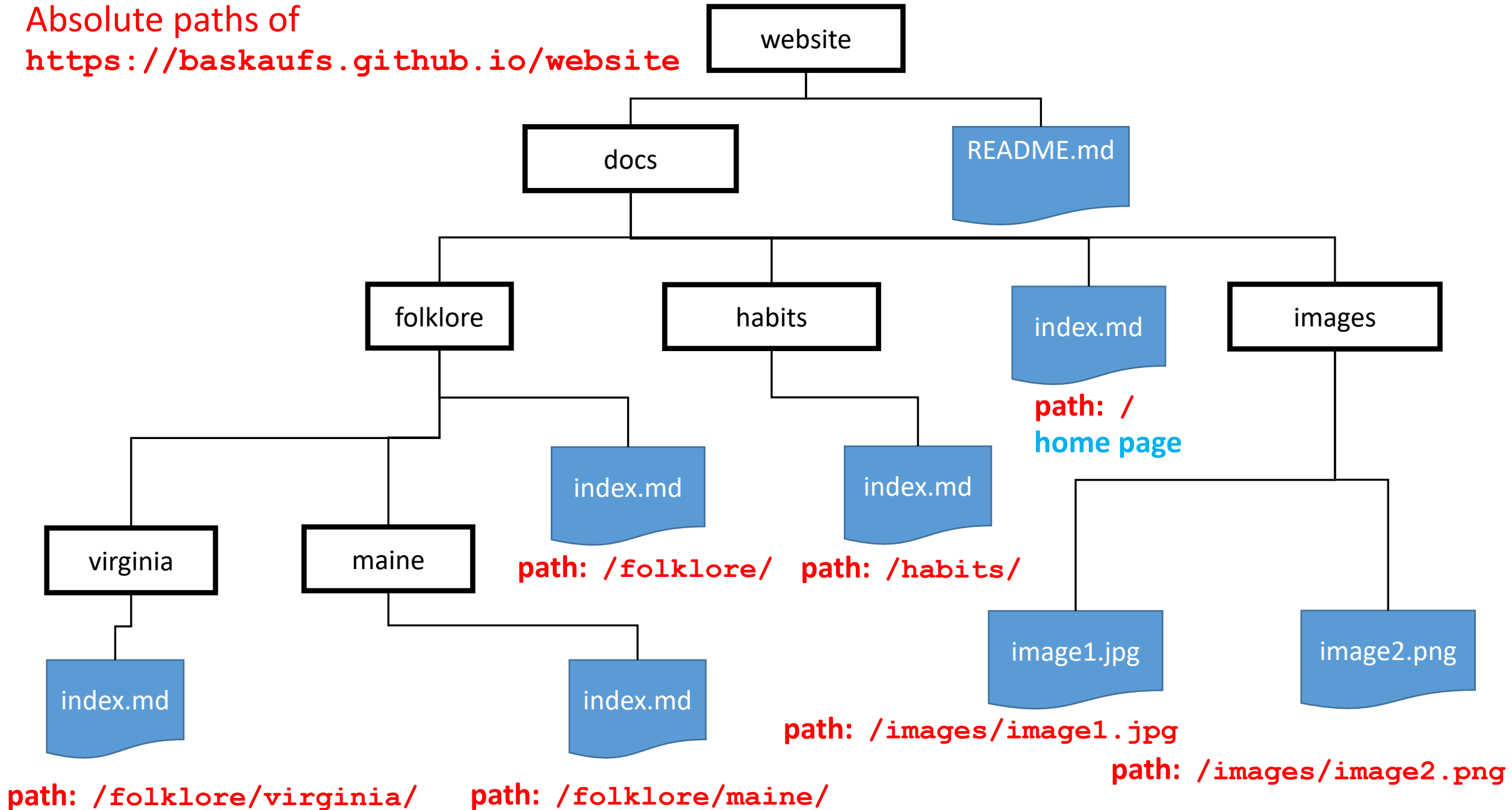
File structure of <https://baskaufs.github.io/website>



# URL of the home page

- Base URL of website + "/"
- Base URL: **`https://baskaufs.github.io/website`**
- URL of homepage: **`https://baskaufs.github.io/website/`**

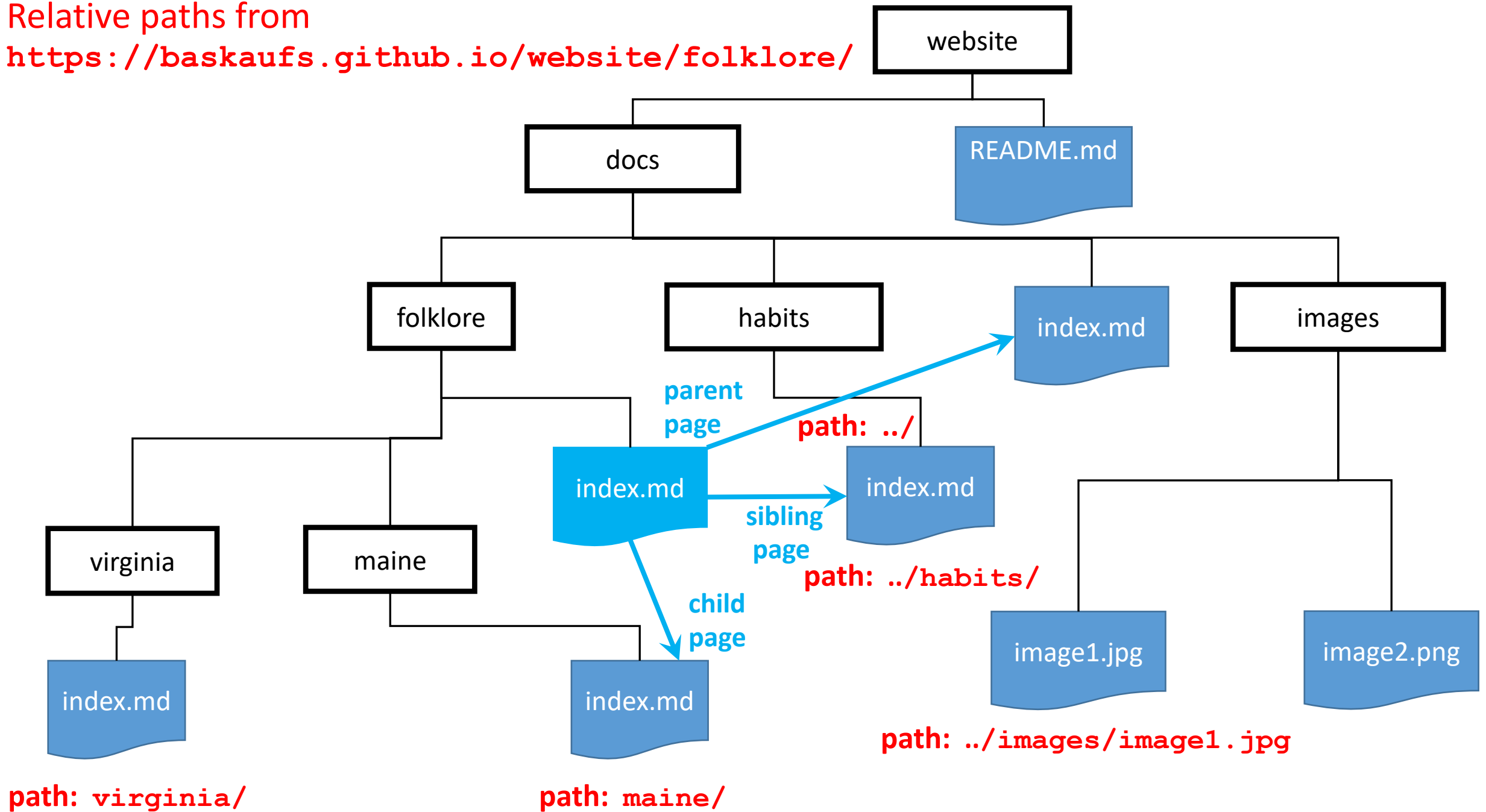
Absolute paths of  
<https://baskaufs.github.io/website>



# URLs of other pages on the website

- Base URL of website + absolute path
- URL of homepage: <https://baskaufs.github.io/website/>
- URL of first level page: <https://baskaufs.github.io/website/folklore/>
- URL of second level page: <https://baskaufs.github.io/website/folklore/maine/>

Relative paths from  
<https://baskaufs.github.io/website/folklore/>



# Relative hyperlinks to pages on the website

- Pages relative to `https://baskaufs.github.io/website/folklore/`
- Link to parent page: `[go to homepage] (../)`
- Link to sibling page: `[learn about habits] (../habits/)`
- Link to child page: `[folklore of Maine] (maine/)`



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# Using remote themes: content only

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# Setup

- Ignore instructions for configuring Jekyll locally, Gemfiles, etc.
- Set remote theme in **config.yml** and customize.
- Create any folders and files needed to override the remote theme.
  - any data YAML files
  - any Markdown pages corresponding to web pages on the site
- Add content needed to customize the pages (e.g. images).
- Edit page YAML or HTML as needed to use your content.
- Other more complicated changes: skins, CSS

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# Using remote themes: fork repo

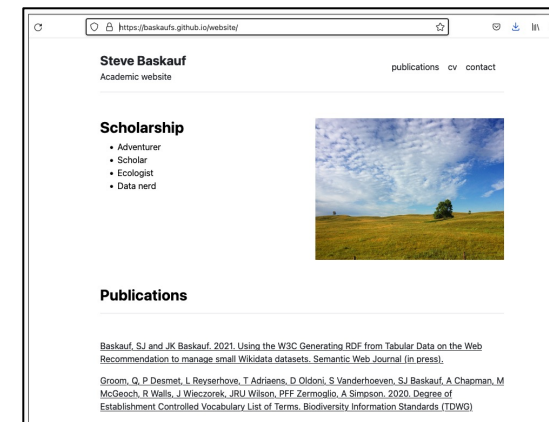
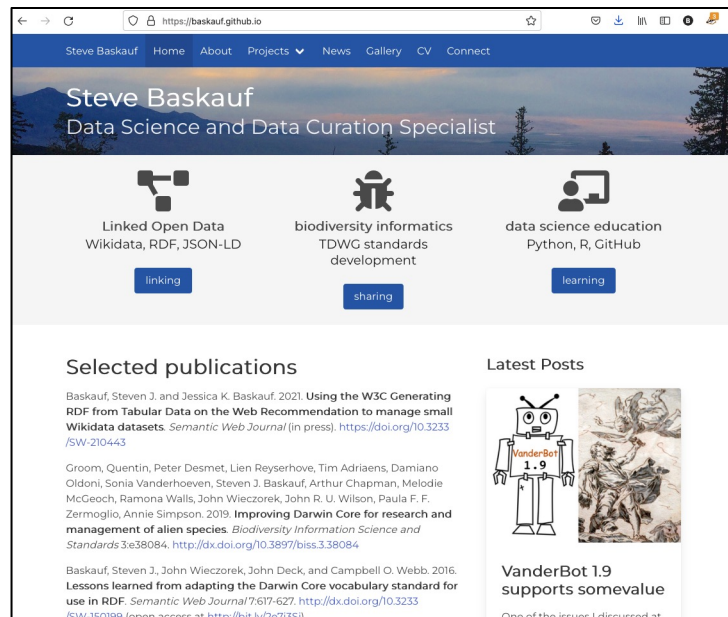
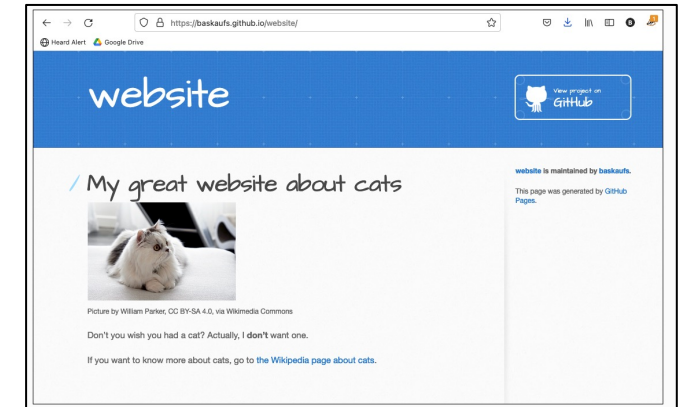
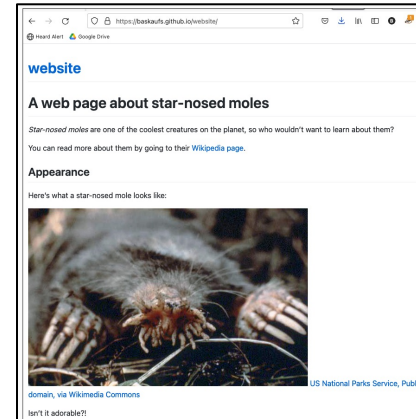
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# Setup

- Fork repository (some themes will have a clickable button)
- Set remote theme in **config.yml** (necessary even though forked)
- Figure out site structure (blog posts, special galleries, etc.)
- Customize **config.yml** and modify data YAML pages as necessary
- Add/delete/modify files to include the components you want.
- Modify page header YAML as necessary.

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# Controlling the site URL

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# Site URL options

- Use the default URL based on the repository name.

Example: <https://schmidtresearch.github.io/lab/>

- Use the special repository name that allows you to drop the repository name from the URL (only one per user account).

Example: <https://baskauf.github.io/>

- Use a custom domain name that you have purchased from a DNS provider.

Example: <https://schmidtresearch.info/>

# How does a custom domain name work?

- You purchase a domain name from a DNS provider (such as GoDaddy). For example: **juanitaschmidt.info**
- You tell GitHub the domain name on the Pages settings page of the repository. That's how GitHub knows how to direct the traffic to the specific website associated with that repo.
- You tell your DNS provider the information to connect to GitHub Pages (either your subdomain name or the Pages IP addresses).
- You set up a CNAME redirect record with your provider to make the **www.** subdomain work for your site.