Creating a Website With Jekyll

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What is Jekyll?

Jekyll is a program that takes static content files and creates a website from them. Jekyll provides the ability to reuse website layouts, and customize URLS without access to a formal backend.

Cross Reference and write more: http://jekyllrb.com/

Create a Website with Jekyll

Jekyll can be used to make a website less than 45 minutes. A website should be created with Jekyll if it is made of static content.

Your SD is awful. I don't know how to best write an SD for a supertask.

There are no steps. Just stare at your computer and pray.

Install Jekyll

Jekyll must be installed on a development computer in order to test your website. The Jekyll installation takes about 10-20 minutes.

Things were installed

Chaos ensued.

Set Up Folders

Jekyll depends on a specific folder configuration to work. There are six folders that need to be created.

Things were installed

Chaos ensued.

Jekyll Folders

Jekyll depends on a specific folder configuration to work. There are six folders that need to be created.

Folders

Name	Description
Title	Desc

What are Variables?

Jekyll provides the ability to pass variables between files. These can be used to pass customized data from a post, or used to set a default value for the entire website.

Text was here. It's gone now.

Create a Configuration File

The configuration file can be customized so the Jekyll site works as desired. These settings can affect many aspects of the website, including customization of URLs and declaring custom variables.

Things were Configured

More chaos ensued.

Config File Settings

The configuration file can be customized so the Jekyll site works as desired. These settings can affect many aspects of the website, including customization of URLs and declaring custom variables.

Configuration Settings

Setting	Description
Title	The title of your website.

Create Variables

Variables can be declared in the configuration file to be reused throughout the website.

Default Variables

was not declared

Override Variables

Variables declared in the configuration file can be overwritten in posts. This lets data be cusomized based on the content the reader is viewing.

Post Variables

Aren't as needed.

Create a Layout

Jekyll allows the website layout to be reused throughout webpages, even on a static website. There are several features that let the layout be more reusable.

DITA made this layout

It works.

Write A Post

Pages of content are stored as posts in Jekyll. While Jekyll is targeted towards blogs, posts can contain any content desired.

This is not a post

this is a task.

Testing Websites

Websites can be tested with the Jekyll Server command.

I am not sure there are steps here, but maybe. Run the command, grab the URL, go to it.

this is a task.

What are GitHub Pages?

GitHub Pages is a free webhosting service offered by GitHub. GitHub Pages works with Jekyll websites, and with customized domains.

CrossRef: https://pages.github.com/ The below is not about GitHub Pages:

GitHub is a service and tool located at github.com. This service provides a place to upload computer files and keeps a history of the file's changes. It is commonly used to store computer programs, but can also be used to store text and other documents. It is a popular service, used by over 4.5 million.

GitHub is often used for group collaboration. GitHub allows other people to view the material being worked on, even if they cannot make changes to the files. GitHub also allows changes one user makes to a file to be easily passed to different user. If one user makes a change that another user dislikes, the change can be easily be undone by utilizing the history GitHub stores of each file.

Host with Github Pages

GitHub Pages will host sites using Jekyll for free. This can be set up in 10-20 minutes.

This might not be included in the submitted project

Because we do this already.

Set Up Github.io Repo

In order to display your project as a webpage, GitHub requires a [username].github.io repository be created.

Things were installed

Chaos ensued.

Set Up Project Pages

Project Pages can be created for any GitHub repository by storing a website in the gh-pages branch.

Make branch. Enter Code. Magic. Magic everywhere.

Chaos ensued.