

# **Creating a Website With Jekyll**

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## What is Jekyll?

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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

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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

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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

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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	Stores
_data	Data files (like CSV, YML or JSON)
_drafts	Unpublished posts
_includes	Snippets of HTML or Posts that can be reused
_layouts	The various layouts for the website
_posts	Completed posts
_site	Automatically used when Jekyll makes your completed website

## What are Variables?

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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

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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

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

Post Variables

Aren't as needed.

## Create a Layout

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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

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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

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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?

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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

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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

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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

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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.