Breaking Down Barriers

Using Docsify-This As an Entry Point to Markdown Open Publishing

bit.ly/otessa-2024-docsify-this

Paul Hibbitts
hibbittsdesign.org
@hibbittsdesign@mastodon.social

Session Topics

1. Open Content Format Considerations
2. Markdown
3. Docsify-This
4. Hosting Markdown Files
5. Interactive Demo
6. Online Activities!

1. Open Content Format Considerations

Open Content Format Considerations

- Support for the 5 Rs
  - For example, is content reusable across different platforms?
- Content editing tools
  - For example, are there Web and/or desktop editing options?
- Publishing workflows
  - For example, how is raw content turned into Web pages?
- Collaboration and version control potential
  - For example, can content revisions be managed?

2. Markdown

What is Markdown?

Markdown is a syntax to format the display of content stored as plain text - similar but simpler than HTML formatting

Markdown Examples

```
# Your H1 Text Here
## Your H2 Text Here

_your italic text here_

**your bold text here**

* your unordered list item here

  1. your numbered (and indented) list item here

[link title](https://www.google.com)

![Image Alt Text](imagefile.jpg)
```

Tip: To ensure a new paragraph after text in markdown, put two spaces after the end of the line

Why Markdown?

- ✓ System-independent
- ✓ Text-only (future proof *and* perfect for version control!)
- ✓ Separation of content vs. presentation
- ✓ Human-readable (i.e. more than HTML)
- ✓ Can also contain HTML snippets

Example HTML Snippets

```
<div style="text-align: center;">

# This h1 Header is Centered

</div>
```

```
<details>
   <summary>Content title</summary>
   This content can be <em>shown/hidden</em>.
</details>
```

Publishing with Markdown

- Markdown Converters
  - For example, Pandoc (pandoc.org)
- Markdown Static Site Builders
  - For example, Jekyll (jekyllrb.com)
- Markdown Dynamic Renderers
  - For example, Docsify (docsify.js.org)

How can we make publishing open content with Markdown easier?

3. Docsify-This

Docsify-This

Docsify-This is an open source Web app, built using the Docsify Open Publishing Kit, that can instantly turn online Markdown files into web pages

Docsify-This Core Design Principles

1. Frictionless Markdown publishing
2. Flexible content display handling
3. Your content, your control
4. Support the 5 Rs of OER
5. Authors helping other authors

Publishing Markdown Content with Docsify-This

1. Create or view a Markdown file on GitHub, Codeberg or a Webserver and copy that URL
2. Go to **Docsify-This.net**, paste the URL into the **Markdown File URL** field, and tap the **Publish as a Standalone Web Page** button
3. *That's it, there is no step 3!*

Docsify–This

Instantly Turn Online Markdown Files into Web Pages

This open-source web app, built with the magical documentation site generator Docsify, provides a quick way to publish one or more online Markdown files as standalone web pages without needing to set up your own website. Try it out below!

Web Page Builder

Enter the URL of a Markdown file and view that file as a web page in a new Browser tab. The resulting Docsify-This page URL can be copied and shared or used as an iFrame source URL.

Markdown File URL (GitHub, Codeberg or raw source URL):

https://github.com/hibbitts-design/docsify-this-one-page-article/blob/main/home.md

Publish as a Standalone Web Page

Page layout:

Content Only | Table of Contents | Docsify Sidebar

Include 'Edit this Page' link with public GitHub or Codeberg files (default location is bottom of page)

Show More Page Appearance Options »

All About Docsify-This

- What Problem Does Docsify-This Solve?
- Docsify-This Core Design Principles
- How Docsify-This Works
- Read What People are Saying about Docsify-This
- Example Content Workflows
- Ready-to-Use Docsify-This Markdown Templates
- Additional Docsify-This Markdown Examples and Templates
- Page Appearance URL Parameters
- Embedding Docsify-This Pages into Other Platforms

My Open Publishing Space

Create, Share and Collaborate

Docsify can generate article, portfolio and documentation websites on the fly. Unlike Docusaurus, Hugo and many other Static Site Generators (SSG), it does not generate static html files. Instead, it smartly loads and parses your Markdown content files and displays them as a website.

Introduction

Markdown is a system-independent markup language that is easier to learn and use than **HTML**.

Figure 1: The Markdown Mark

Some of the key benefits are:

1. Markdown is simple to learn, with minimal extra characters, so it's also quicker to write content.
2. Less chance of errors when writing in markdown.
3. Produces valid XHTML output.

Example Docsify-This URL

```
https://docsify-this.net/?basePath=https://raw.githubusercontent.com/hibbitts-design/docsify-this-one-page-article/main&homepage=home.md
```

dmalawey / OpenArm Public

Notifications Fork 0 Star 5

Code Issues Pull requests Actions Projects Security Insights

main 1 Branch 0 Tags Go to file Code

dmalawey Update README.md 530a5cd · 3 months ago 76 Commits

img	Update readme.md	9 months ago
LICENSE	Initial commit	9 months ago
README.md	Update README.md	3 months ago

README MIT license

OpenArm

An open-source robot arm

> PURPOSE: to design a robot arm using bio-inspiration for higher modularity and higher loads than leading commercial designs in 2023.

| Github Repo | Website |

Characteristics

Version 1

About

An Open Source Robot Arm

qr.page/g/2wY5JrxcciD

education ai makers dynamics openhardware 3dprinting

Readme
MIT license
Activity
5 stars
3 watching
0 forks
Report repository

OpenArm

An open-source robot arm

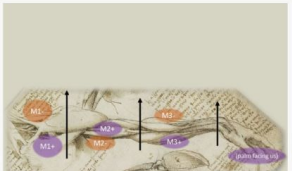
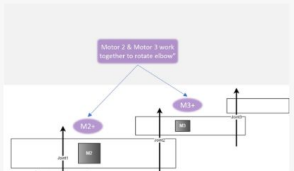
> **PURPOSE: to design a robot arm using bio-inspiration for higher modularity and higher loads than leading commercial designs in 2023.**

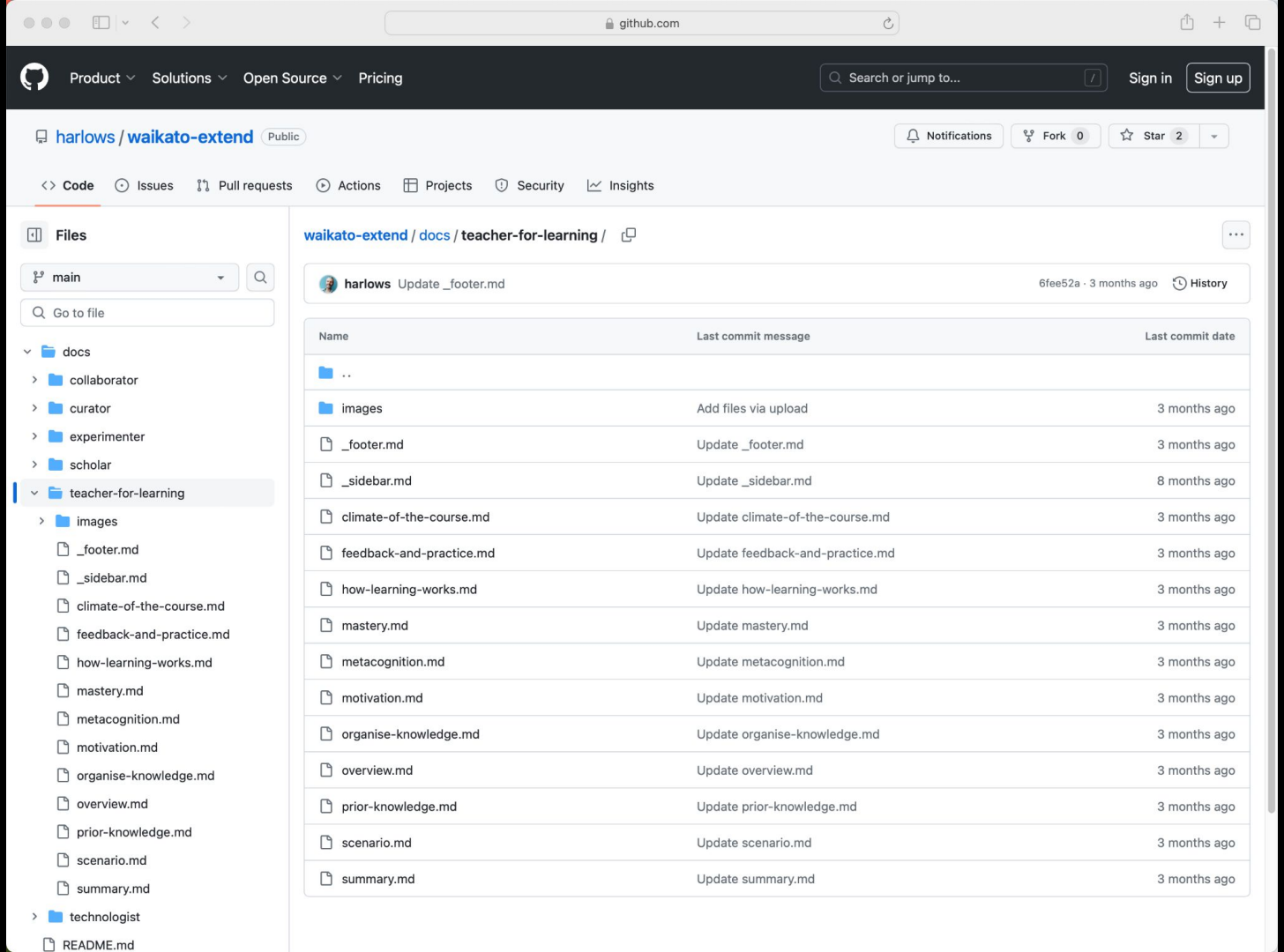
| Github Repo | Website |

Characteristics

Version 1

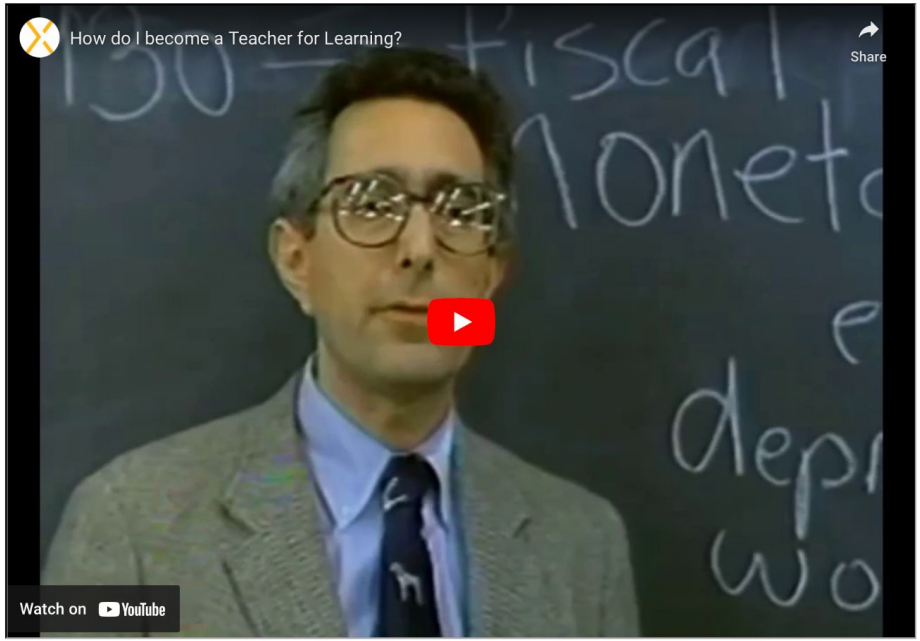
- Comprised of 3D Printable + OTS parts
- Less than $150 in components
- Using DC motors, M2 Belts, and M2 pulleys like those of 3D printers
- Having no encoders required ✳️
- Bio-inspired - having damping forces and torque relationships similar to a human arm.
- Digital-twin oriented - the simulated design shall represent the real implementation sufficiently to simulate motion.
- Parametric design - the geometry leaves space for variations and modifications of internals & frame.

Biological Sketch	Biological sketch with motors identified	Robot Arm concept with motors
		


github.com
Product
Solutions
Open Source
Pricing
Search or jump to...
Sign in
Sign up
harlows / waikato-extend
Public
Notifications
Fork 0
Star 2
Code
Issues
Pull requests
Actions
Projects
Security
Insights
Files
main
Go to file
docs
collaborator
curator
experimenter
scholar
teacher-for-learning
images
_footer.md
_sidebar.md
climate-of-the-course.md
feedback-and-practice.md
how-learning-works.md
mastery.md
metacognition.md
motivation.md
organise-knowledge.md
overview.md
prior-knowledge.md
scenario.md
summary.md
technologist
README.md
waikato-extend / docs / teacher-for-learning /
harlows Update _footer.md
6fee52a · 3 months ago
History
Name
Last commit message
Last commit date
..
images
Add files via upload
3 months ago
_footer.md
Update _footer.md
3 months ago
_sidebar.md
Update _sidebar.md
8 months ago
climate-of-the-course.md
Update climate-of-the-course.md
3 months ago
feedback-and-practice.md
Update feedback-and-practice.md
3 months ago
how-learning-works.md
Update how-learning-works.md
3 months ago
mastery.md
Update mastery.md
3 months ago
metacognition.md
Update metacognition.md
3 months ago
motivation.md
Update motivation.md
3 months ago
organise-knowledge.md
Update organise-knowledge.md
3 months ago
overview.md
Update overview.md
3 months ago
prior-knowledge.md
Update prior-knowledge.md
3 months ago
scenario.md
Update scenario.md
3 months ago
summary.md
Update summary.md
3 months ago

Scenario

Students don't seem to understand the material in my course. They just don't get it! For some reason they seem to miss the mark in my exams each year no matter what I try to do to prepare them. They seem disinterested and distracted. I want them to understand the relevance and enthusiasm I feel for my content, but I'm out of ideas on how to get through to them.



Direct Link: How do I become a teacher For learning?

jmaxsfu / pub607-23 Public

Notifications Fork 1 Star 3

Code Issues Pull requests Actions Projects Security Insights

main 1 Branch 0 Tags

Go to file Code

jmaxsfu Added zoom recorder image ✓ 3402f8f · last year 198 Commits

Alice	Update AW-3.txt	last year
Other	Update Bigoverview2022.md	last year
img	Added zoom recorder image	last year
.gitignore	get rid of DS_store	last year
1.Files.md	Update 1.Files.md	last year
2.Production.md	Removed microphone from Lecture2	last year
3.Ebooks.md	Update 3.Ebooks.md	last year
4.Audio.md	Update 4.Audio.md	last year
Assignments.md	Update Assignments.md	last year
Audacity.md	Create Audacity.md	last year
CSS.md	tweaks	last year
CSSspec.md	Added CSS examples	last year
Commands.md	Pandoc tutorial details	last year
DAW.md	Added zoom recorder image	last year
DownloadPage.md	Update DownloadPage.md	last year
Github.md	Minor edits to Github how tos	last year
GithubPages.md	Minor edits to Github how tos	last year
Pandoc.md	Update Pandoc.md	last year

About

This is material for PUB 607, a graduate project course in Publishing production technologies at SImon Fraser University. This course is new as of spring 2023.

jmaxsfu.github.io/pub607-23/

Readme
Activity
3 stars
1 watching
1 fork
Report repository

Releases

No releases published

Packages

No packages published

Contributors 2

jmaxsfu John Maxwell
Shaleeta

Languages

CSS 100.0%

A CSS Primer

This is the smallest, shortest CSS primer you'll ever see.

Basic syntax (note the punctuation):

A CSS file is a collection of declarations about what **things** (er, content objects) look like. We say which thing we mean by using a "selector" and then we tell it what we want by specifying "attributes" and "values". The punctuation is necessary: it basically goes like this:

```markup
selector { attribute: value;  }
```

E.g.,

```markup
h1 { font-size: 18pt; }
```

The **selector:** specifies the thing that we're going to talk about. It can be an HTML **element** like `p` or `h1` or `blockquote`

```markup
p
```

It can also refer to specific kinds of those elements, where they have named **classes** (as in `<p class="whatever">`. Or where they have a unique identifier:

```markup
p.whatever

p#uniqueID
```

You can also specify that the thing only counts if it appears in a particular context. For instance, `p` only if it appears within a `section` element, but not otherwise:

```markup
section > p
```

4. Hosting Markdown Files

Hosting Markdown Files

- GitHub or Codeberg
  a. Signup for a GitHub or Codeberg account
  b. Make a new repository, and create or upload your Markdown file
  c. View the Markdown file, and copy/paste that URL into the Docsify-This Markdown File URL field
- Gist (GitHub Gists)
- Personal or Organizational Website

5. Interactive Demo

6. Online Activities!

bit.ly/otessa-2024-docsify-this

Next Steps

Markdown Guide
- markdownguide.org

Improving The Accessibility Of Your Markdown
- smashingmagazine.com/2021/09/improving-accessibility-of-markdown

OER on GitHub What, Why, & How (also applies to Codeberg)
- evanwill.github.io/make-oer

Markdown Desktop Editors
- code.visualstudio.com
- typora.io

GitHub Desktop App (can also be used with Codeberg)
- desktop.github.com

Thank You! Questions?

Contact info

- Web: hibbittsdesign.org
- Email: paul@hibbittsdesign.org

OTESSA 2024 online workshop materials

- bit.ly/otessa-2024-docsify-this (incl. these slides)

Docsify-This

- Web App: docsify-this.net
- Publishing Guide: publishing.docsify-this.net

Want to host your own Docsify website? Check out my Docsify Starter Kits!

- github.com/hibbitts-design

Online Activities for Participants

1. Display a Markdown file (given its URL) as a standalone Web page
2. Display a Markdown file (of the participants' choice) as a standalone Web page
3. Visually style a displayed Markdown file using the Web Page Builder
4. Share the URL of a Web page created by Docsify-This Web Page Builder
5. Decode the URL parameters of a raw Docsify-This Web Page URL
6. Change the visual style of a Web page created by Docsify-This using URL parameters (and not the Web Page Builder)
7. Access the Docsify-This Advanced Web Page Builder
8. Using the Advanced Web Page Builder, display a collection of Markdown files as a standalone Website (given the homepage URL) using a custom Docsify Sidebar

Stretch Goal Online Activity for Participants

Create a Markdown file on either GitHub.com or Codeberg.org and display it with Docsify-This