

CMPSC 104 - Document Engineering Prof. Hang Zhao



Overview

What is Wiki?

- A wiki is a collaborative platform where multiple users can create, edit, and organize content.
- Often used for documentation, knowledge sharing, and community-driven content.

Key Features:

- Easy editing via web interface
- Simple linking between pages
- Focus on collaborative content



Popular Wikis

Wikipedia:

- A free, open-source online encyclopedia
- Largest and most well-known wiki platform
- Anyone can contribute and edit content

GitHub Wiki:

- A wiki platform attached to GitHub repositories
- Used for documenting code, projects, or organizational information
- Only accessible to repository collaborators by default, with public viewing allowed

Wikipedia vs. GitHub Wiki

Purpose:

Wikipedia: Global encyclopedia for general knowledge.

GitHub Wiki: Repository-specific documentation for technical content and projects.

User Base:

Wikipedia: Public, global audience.

GitHub Wiki: Primarily developers or project collaborators.

Content:

Wikipedia: General knowledge articles.

GitHub Wiki: Technical documentation, project-specific instructions, architecture details.

Every repository on GitHub.com comes equipped with a section for hosting documentation, called a wiki.

You can use your repository's wiki to share long-form content about your project, such as how to use it, how you designed it, or its core principles.

A README file quickly tells what your project can do, while you can use a wiki to provide additional documentation.

GitHub Wikis

Jekyll GitHub Wiki: https://github.com/jekyll/jekyll/wiki

• The Jekyll wiki contains guides for creating static websites and blogs using the Jekyll framework.

Oh My Zsh GitHub Wiki: https://github.com/ohmyzsh/ohmyzsh/wiki

• A wiki for Oh My Zsh, a popular framework for managing Zsh configuration, with setup guides and plugins.

Why Use GitHub Wiki?

- Integrated with GitHub: Easy to manage alongside your codebase.
- Version Control: Wiki pages are tracked in Git just like code, so you can view and revert changes.
- Collaboration: Allows project teams to work together on documentation.
- **Public or Private:** Can be public-facing or restricted to project members.

Getting Started with Github Wiki

- 1. Go to the **repository** where you want to add a wiki.
- 2. Click the "Wiki" tab at the top.
- 3. Click "Create the first page" to start.



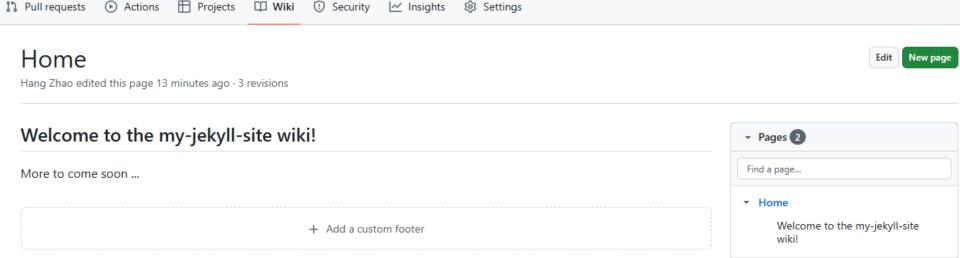
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Welcome to the my-jekyll-site wiki!

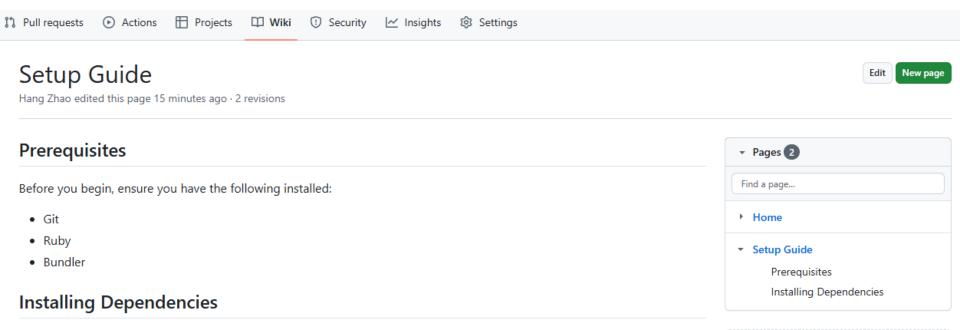
Wikis provide a place in your repository to lay out the roadmap of your project, show the current status, and document software better, together.

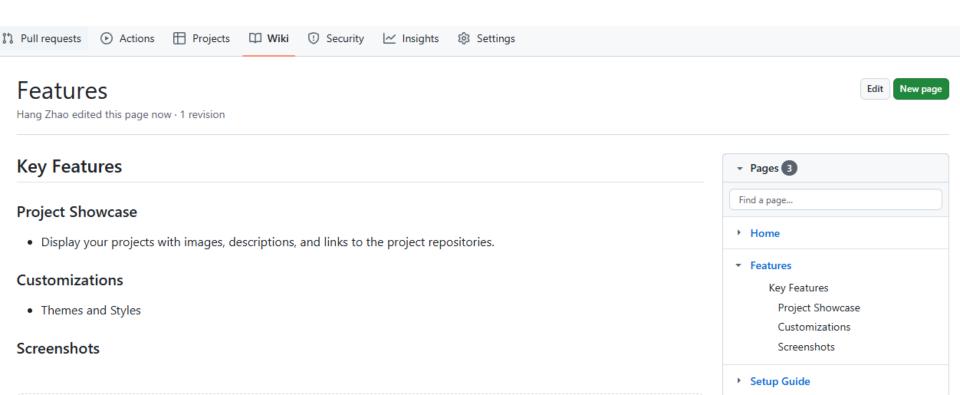
Create the first page

- 4. Keep your first page as "Home" and use markdown syntax to format it.
- 5. Once you're done, click "Save Page".

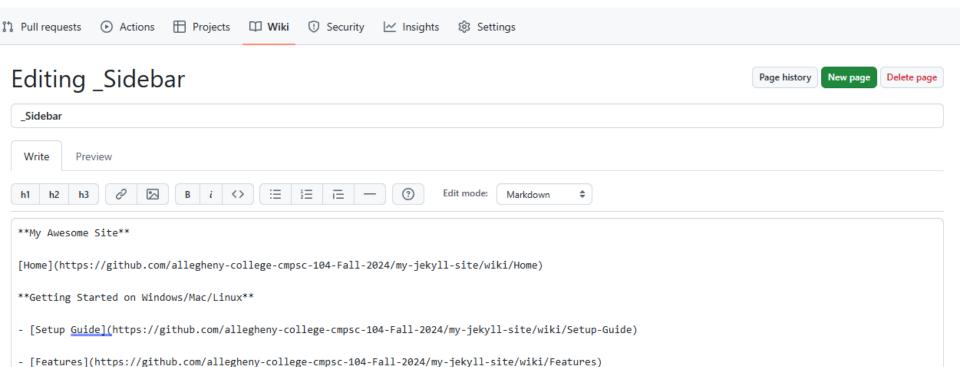


6. Add more pages by linking them inside the first page or by creating them from the "Pages" section.

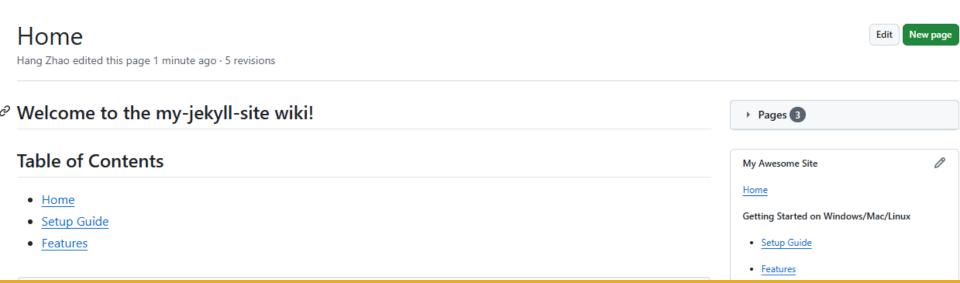




7. Add custom sidebar



7. Custom Home page again



Wiki

- Wikis are powerful tools for collaborative documentation.
- GitHub Wiki is a great choice for project-specific documentation.
- It's easy to set up and maintain, making it accessible for teams.

Reference and Resources

- •Markdown guide (https://www.markdownguide.org/getting-started/)
- •Github Wiki: https://docs.github.com/en/communities/documenting-your-project-with-wikis/about-wikis