

Software Studio

軟體設計與實驗

GitLab Pages

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GitLab Pages

- GitLab lets you host a website using files in your GitLab repository.
- GitLab offers a **CI/CD (continuous integration/continuous deployment)** pipeline that automatically updates your website whenever you push changes to your remote repository.



Deploy Websites with GitLab

- To make the website visible to everyone
- **Remove the fork relation** at setting > General > Advanced
- Set the project **visibility** to **public** at setting > General > Visibility



Deploy Websites with GitLab

- Commit your change and push it to remote repo



Auto DevOps (Beta)

It will automatically build, test, and deploy your application based on a predefined CI/CD configuration.

Learn more in the [Auto DevOps documentation](#)

Enable in settings

master

my-website /



History

Find file



Add index.html

Roger Luo authored 2 minutes ago

610866e9



Name

Last commit

Last update

index.html

Add index.html

2 minutes ago



Deploy Websites with GitLab - GitLab CI/CD



- If you add a `.gitlab-ci.yml` file to the root directory of your repository, and configure your GitLab project to use a Runner, then each commit or push, triggers your CI pipeline
- More Information:
<https://about.gitlab.com/features/gitlab-ci-cd/>



Deploy Websites with GitLab - Setting Up GitLab CI/CD

master ▾ lab02-git-advanced / + ▾

History Find file Web IDE Download ▾ Clone ▾

 **add do master**
Sienna authored 1 week ago d70b6b18 

[+ Add README](#) [+ Add LICENSE](#) [+ Add CHANGELOG](#) [+ Add CONTRIBUTING](#) [+ Add Kubernetes cluster](#) [+ Set up CI/CD](#)



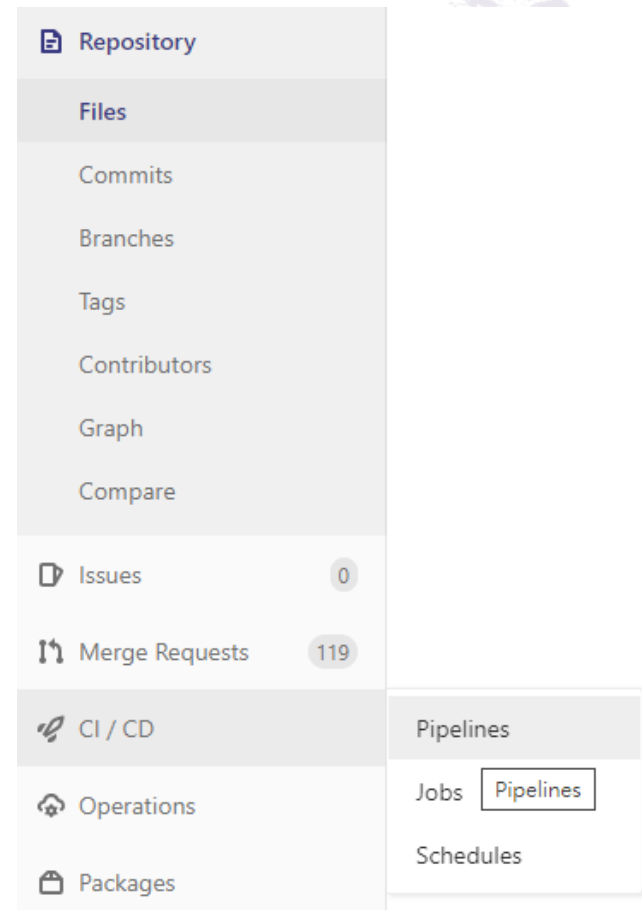
Deploy Websites with GitLab - Setting Up GitLab CI/CD

- Copy and paste the template from <https://gitlab.com/gitlab-org/gitlab-foss/-/blob/master/lib/gitlab/ci/templates/Pages/HTML.gitlab-ci.yml>
- Click “Commit changes” to finish the setup.



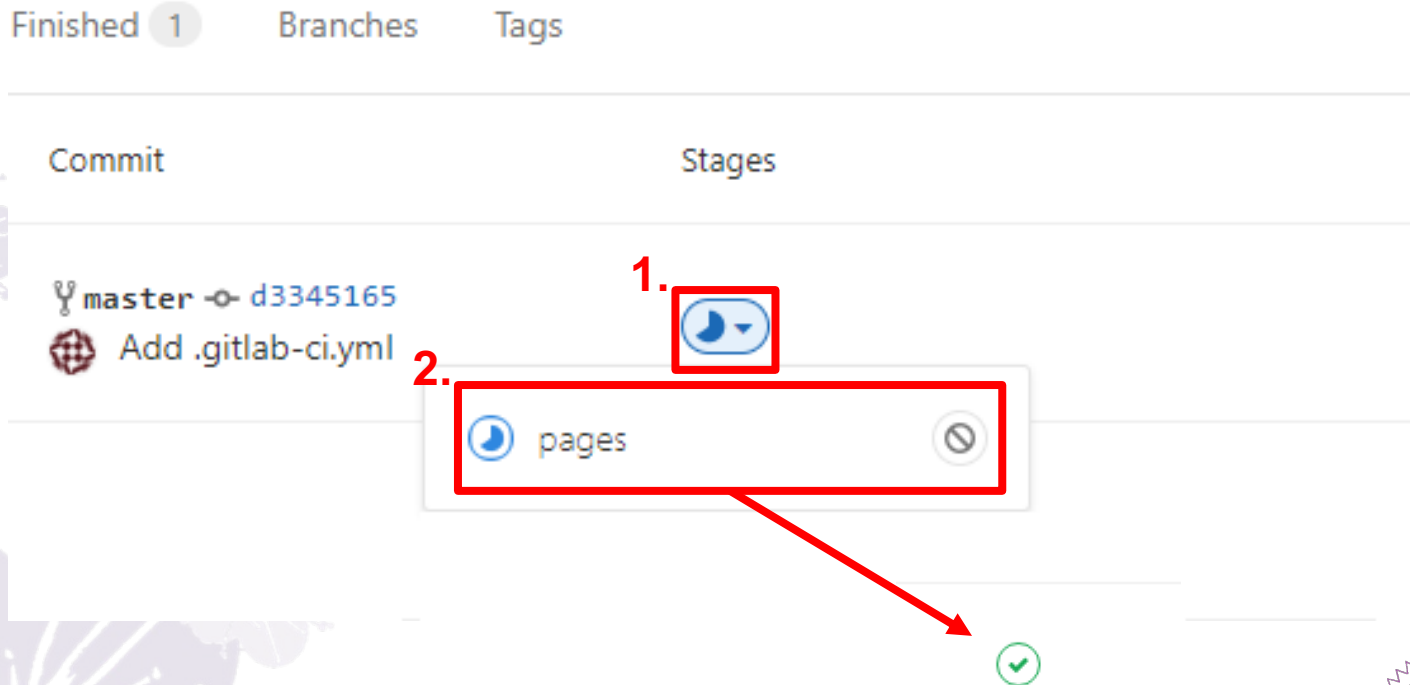
Deploy Websites with GitLab - Setting Up GitLab CI/CD

- Go to **CI/CD > Pipelines** from navigation bar on the left



Deploy Websites with GitLab - Pipeline

- Click the button below and get into pages to see the pipeline progress

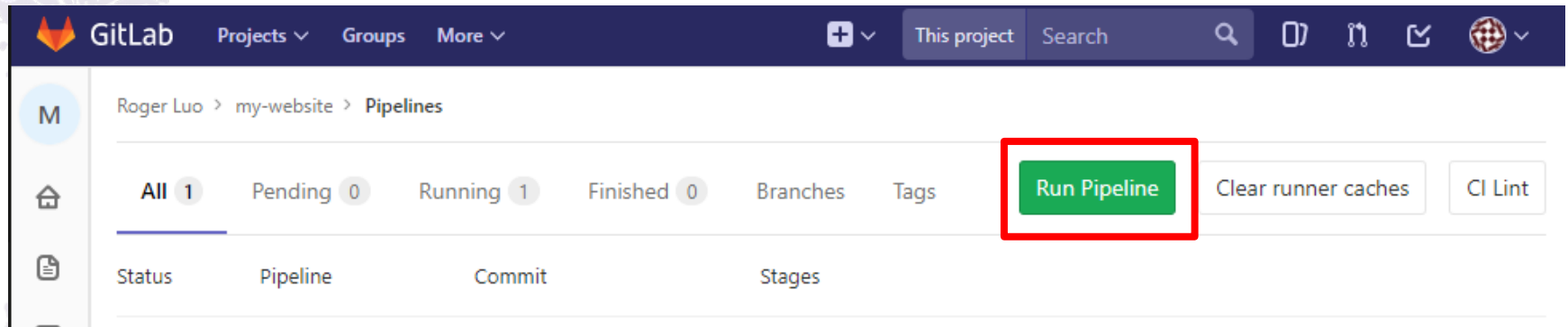


Wait until it becomes like this



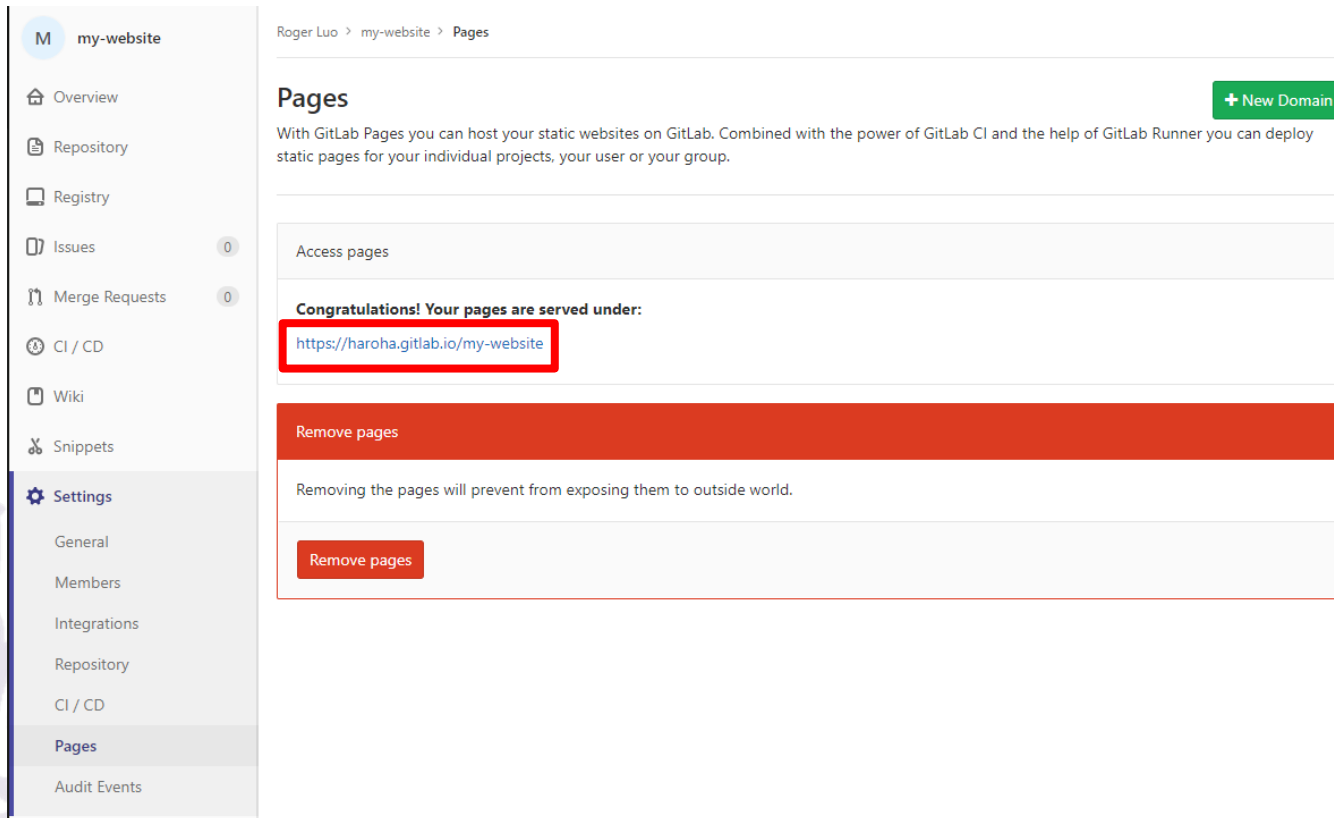
Deploy Websites with GitLab - Pipeline

- You can run pipeline **again** by clicking the Run Pipeline button on Pipeline page, **if you encounter an error in previous steps.**



Deploy Websites with GitLab - Visit Your Website

- Now you can go to the **Setting > Pages** and get your website link



The screenshot displays the GitLab user interface. On the left is a sidebar with a menu for the project 'my-website'. The 'Settings' option is highlighted, and its sub-menu is open, showing 'Pages' as the selected item. The main content area is titled 'Pages' and includes a '+ New Domain' button. Below this, a message states: 'With GitLab Pages you can host your static websites on GitLab. Combined with the power of GitLab CI and the help of GitLab Runner you can deploy static pages for your individual projects, your user or your group.' A section titled 'Access pages' contains the message 'Congratulations! Your pages are served under:' followed by the URL 'https://haroha.gitlab.io/my-website', which is highlighted with a red box. Below this is a red 'Remove pages' button. A warning message states: 'Removing the pages will prevent from exposing them to outside world.' At the bottom of this section is another red 'Remove pages' button.

my-website

- Overview
- Repository
- Registry
- Issues 0
- Merge Requests 0
- CI / CD
- Wiki
- Snippets
- Settings**
 - General
 - Members
 - Integrations
 - Repository
 - CI / CD
 - Pages**
 - Audit Events

Roger Luo > my-website > Pages

Pages

+ New Domain

With GitLab Pages you can host your static websites on GitLab. Combined with the power of GitLab CI and the help of GitLab Runner you can deploy static pages for your individual projects, your user or your group.

Access pages

Congratulations! Your pages are served under:

<https://haroha.gitlab.io/my-website>

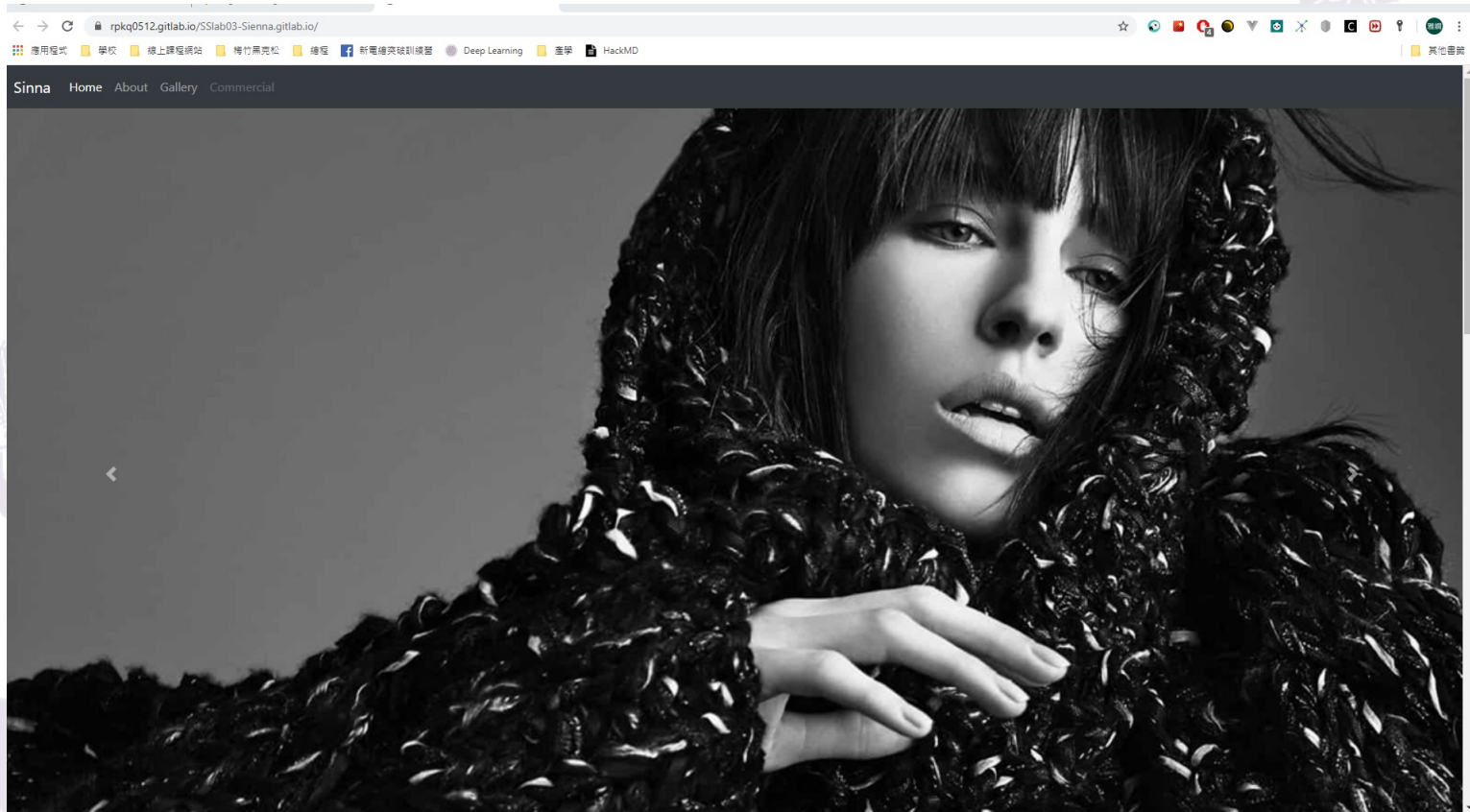
Remove pages

Removing the pages will prevent from exposing them to outside world.

Remove pages

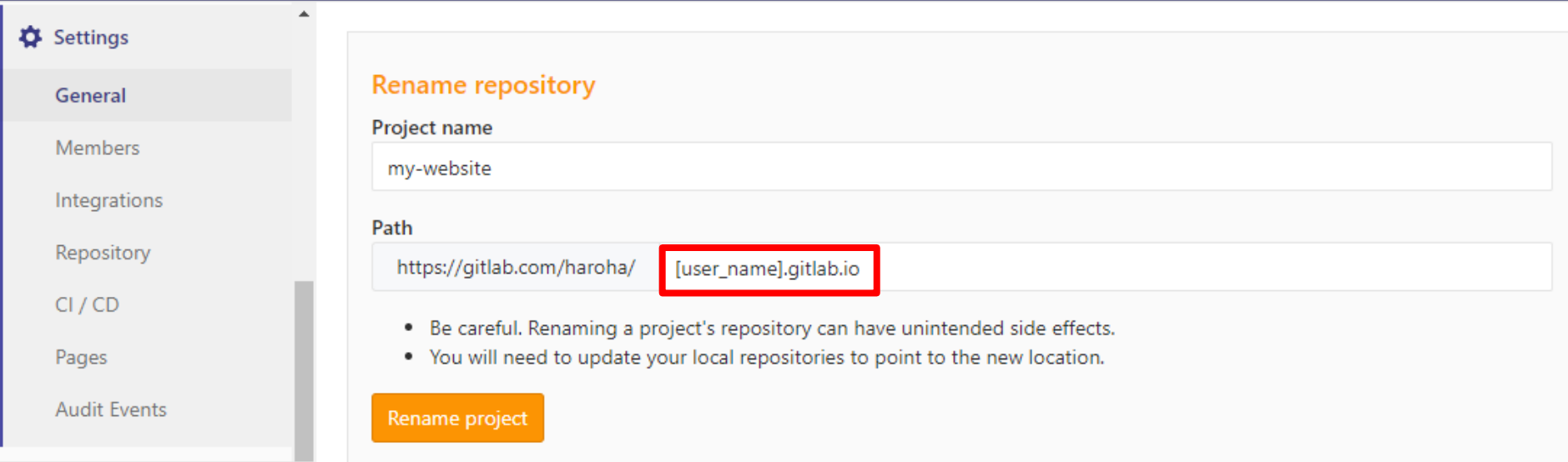


Deploy Websites with GitLab - Visit Your Website



Change to User Website

- Go to **Setting > General > Advanced**
- Find the Advanced settings and Expand it
- Rename your repository **Path** to **[user_name (e.g. haroha)].gitlab.io**



The screenshot shows the GitLab Settings interface. On the left is a sidebar with a gear icon and the word 'Settings'. Below it are menu items: 'General' (highlighted), 'Members', 'Integrations', 'Repository', 'CI / CD', 'Pages', and 'Audit Events'. The main content area is titled 'Rename repository' in orange. It contains two input fields: 'Project name' with the value 'my-website' and 'Path' with the value 'https://gitlab.com/haroha/[user_name].gitlab.io'. The '[user_name].gitlab.io' part of the path is highlighted with a red rectangular box. Below the fields are two bullet points: '• Be careful. Renaming a project's repository can have unintended side effects.' and '• You will need to update your local repositories to point to the new location.' At the bottom is an orange button labeled 'Rename project'.

Settings

General

Members

Integrations

Repository

CI / CD

Pages

Audit Events

Rename repository

Project name

my-website


Path

https://gitlab.com/haroha/[user_name].gitlab.io

- Be careful. Renaming a project's repository can have unintended side effects.
- You will need to update your local repositories to point to the new location.

Rename project

Change to User Website

 my-website

- Overview
- Repository
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- Issues 0
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Roger Luo > my-website > Pages

Pages

[+ New Domain](#)

With GitLab Pages you can host your static websites on GitLab. Combined with the power of GitLab CI and the help of GitLab Runner you can deploy static pages for your individual projects, your user or your group.

Access pages

Congratulations! Your pages are served under:

<https://haroha.gitlab.io>

Remove pages

Removing the pages will prevent from exposing them to outside world.

Remove pages



Change to User Website

- Notices that if you change your repository path, **your local repository remote should change too.**
- If you don't change your local repository remote, you won't get access to pull your commit to the remote repository



GitLab Page

- If you make change to your GitLab page and you see this, sometimes you just need to **wait**.



404

The page you're looking for could not be found.

The resource that you are attempting to access does not exist or you don't have the necessary permissions to view it.

Make sure the address is correct and that the page hasn't moved.

Please contact your GitLab administrator if you think this is a mistake.

[Go back](#)



thank
you!

Question

