



ChatGPT can make mistakes. Check important info.

uses: peaceiris/actions-gh-pages@v3.9.3

with:

github_token: \${{ secrets.GITHUB_TOKEN }}

publish_branch: gh-pages

user_name: "github-actions[bot]"

user_email: "github-actions[bot]@users.noreply.github.com"

NOTE: uncomment below if using a custom domain

cname: mydomain.com

This code defines a GitHub Actions workflow to au mate the deployment of a Hugo-based static

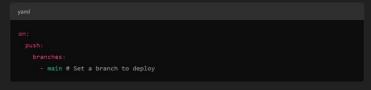


1. Workflow Metadata

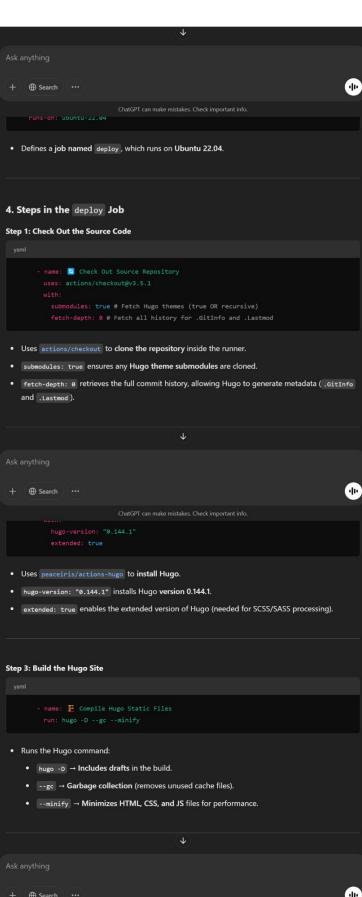
name: F Build and Deploy GitHub Pages

- Names the workflow "Build and Deploy GitHub Pages".
- $\bullet \;\;$ The emoji (${1 \over E}$) is just for visual clarity in GitHub Actions UI.

2. Triggering Event



• This workflow runs whenever a push is made to the main branch.



Ask anything

ChatGPI can make mistakes. Check important info.

Witn:
github_token: \${{ secrets.GITHUB_TOKEN }}
publish_branch: gh-pages
user_name: "github-actions[bot]"
user_email: "github-actions[bot]@users.noreply.github.com"
NOTE: uncomment below if using a custom domain
cname: mydomain.com

- Uses peaceiris/actions-gh-pages to deploy the generated site.
- github_token: \${{ secrets.GITHUB_TOKEN }} uses a GitHub-provided token to push changes
- publish_branch: gh-pages means the Hugo-generated site will be published to the gh-pages
 branch
- user_name & user_email set the commit identity to a GitHub Actions bot.
- If using a custom domain, uncomment cname: mydomain.com.

How This Works

- 1. You push changes to the main branch'.
- 2. GitHub Actions starts the workflow.
- 3. The job deploy runs on an Ubuntu runner.



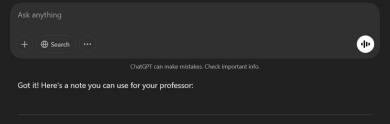
Key Features

- Automates Hugo site deployment to GitHub Pages.
- Fetches full Git history for proper metadata (.GitInfo , .Lastmod).
- Includes drafts (hugo -D).
- Minifies site output for performance.
- Supports submodules for Hugo themes.

What You Need to Do to Make It Work

- 1. Enable GitHub Pages for your repository:
 - Go to Settings → Pages.
 - Set the **Source** to the gh-pages branch.
- 2. Ensure your Hugo site is in the repository.
- 3. Push changes to main to trigger deployment.

Would you like help customizing this for your specifiuse case?



Note to Professor:

I understand that I was supposed to use Claude for this portion, but I reached a usage limit and had to use ChatGPT instead. Let me know if you'd like me to redo this section with Claude once my limit resets.

Let me know if you want me to tweak the wording! 😂

日 B 日 G G V