

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

(**1**

NOTE: uncomment below if using a custom domain



breakdown:

Header Section



- This is a comment block that provides metadata about the workflow.
- It states the purpose: Building and deploying a Hugo website.
- · The author and date of creation are noted.



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- This sets the name of the workflow, which will appear in GitHub's Actions UI.
- The emoji is just for readability.

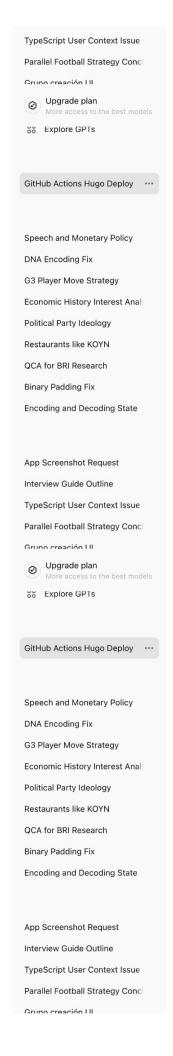
Trigger Conditions

```
on:
push:
branches:
- main # Set a branch to deploy
```

- · This defines when the workflow should run.
- It triggers only when there is a push to the main branch.

Job Definition







Runner Selection

```
runs-on: ubuntu-22.04
```

• Specifies the GitHub-hosted runner: an Ubuntu 22.04 virtual machine.

Steps in the Workflow

Step 1: Checkout the Repository

```
yaml

- name: ② Check Out Source Repository
uses: actions/checkout@v3.5.1
with:
submodules: true # Fetch Hugo → mes (true OR recursive)
fetch-depth: 0 # Fetch all history for .GitInfo and .Lastmod

Ask anything

ChatGPT can make mistakes. Check important info.
```

Step 2: Set Up Hugo

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```
- name: 

✓ Initialize Hugo Environment

uses: peaceiris/actions—hugo@v2.6.0

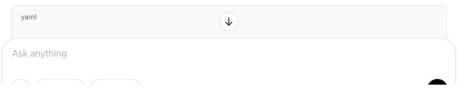
with:

hugo—version: "0.144.1"

extended: true
```

- Uses the peaceiris/actions-hugo GitHub Action to install Hugo.
- Specifies Hugo version: "0.144.1".
- extended: true allows extended features, such as SCSS/SASS compilation.

Step 3: Build the Hugo Site



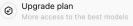


DNA Encoding Fix
G3 Player Move Strategy
Economic History Interest Analy
Political Party Ideology
Restaurants like KOYN
QCA for BRI Research
Binary Padding Fix

App Screenshot Request
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TypeScript User Context Issue

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ChatGPT can make mistakes. Check important info.

- --gc → Garbage collect unused files.
- --minify → Minify HTML, CSS, and JS for better performance.

Step 4: Deploy to GitHub Pages

```
- name: 
Publish to GitHub Pages

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"
```

- Uses peaceiris/actions-gh-pages to deploy the static site to the gh-pages branch.
- github_token: \${{ secrets.GITHUB_TOKEN }} → Uses GitHub's built-in authentication.
- publish_branch: gh-pages → Deploys the site to the gh-pages branch.
- Sets the Git user as "github-actions[bot]".



Ask anything

+ Search Q Reason

ChatGPT can make mistakes. Check important info.

```
## NOTE: uncomment below if using a custom domain
## cname: mydomain.com
```

 If a custom domain is used, uncomment and replace mydomain.com with the actual domain name.

Summary

This GitHub Actions workflow does the following:

- 1. Triggers when changes are pushed to main.
- 2. Checks out the repository and any submodules (Hugo themes).
- 3. Installs Hugo with the specified version.
- 4. Builds the Hugo site with draft content, garbage collection, and minification.
- 5. **Deploys** the built site to the gh-pages branch using **GitHub Pages**.

Would you like help modifying or extending this workflow?



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