

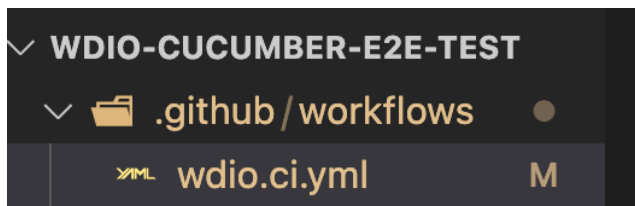
Allure Reporter in GitHub Actions Setup Guide

Prerequisites:

1. Tests should be already running in GitHub actions. Please complete 'CI Integration' sections in the course
2. Allure is used as a reporter
3. You can always refer the release branch here at:
<https://github.com/copeautomation/wdio-cucumber-e2e-test/tree/release>

Steps:

1. Under the folder `.github/workflows`, in the yml file, add the following contents. Your file will look something similar to this:



```
# This is a basic workflow to help you get started with Actions
```

```
name: WDIO-CI
on:
  push:
    branches: [ master, release ]
  pull_request:
    branches: [ master, release ]
  workflow_dispatch:
jobs:
  build:
    runs-on: ubuntu-latest
    env:
      RUNNER: ${secrets.RUNNER}
      LOG_LEVEL: ${secrets.LOG_LEVEL}
      TEST_NOP_ADMIN_USERNAME: ${secrets.TEST_NOP_ADMIN_USERNAME}
      TEST_NOP_ADMIN_PASSWORD: ${secrets.TEST_NOP_ADMIN_PASSWORD}
    steps:
      - uses: actions/checkout@v2
```

```
# Install chromium
- name: Install Chromium
  run: sudo apt-get install chromium-browser

# Install node.js
- name: Use Node.js
  uses: actions/setup-node@v3
  with:
    node-version: 16.x
# Run tests
- name: Install dependencies
  run: npm install
- name: Running smoke tests
  run: npm run test:smoke

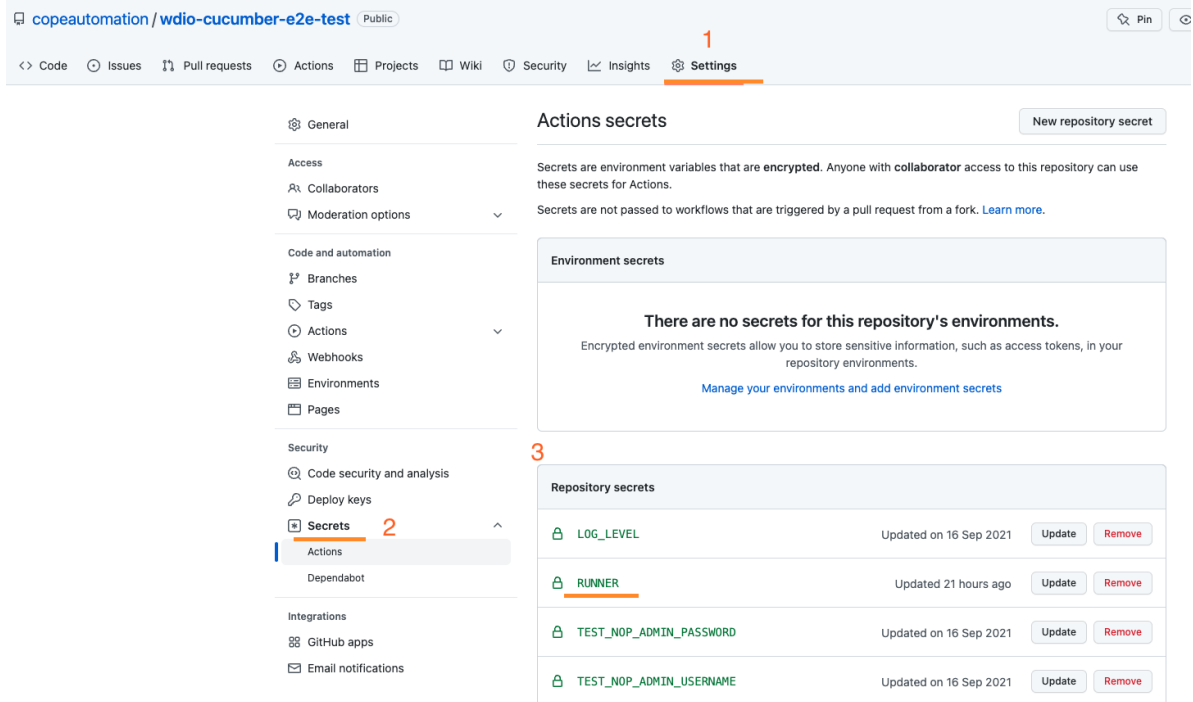
# Get allure report in github pages with history
- name: Get Allure History
  uses: actions/checkout@v2
  if: always()
  continue-on-error: true
  with:
    ref: gh-pages
    path: gh-pages

- name: Get Allure Report Action
  uses: simple-elf/allure-report-action@master
  if: always()
  id: allure-report
  with:
    allure_results: allure-results
    gh_pages: gh-pages
    allure_report: allure-report
    allure_history: allure-history
    keep_reports: 20

- name: Deploy report to Github Pages
  if: always()
  uses: peaceiris/actions-gh-pages@v2
  env:
    PERSONAL_TOKEN: ${ secrets.GITHUB_TOKEN }
    PUBLISH_BRANCH: gh-pages
    PUBLISH_DIR: allure-history
```

2. As you can see in the yml config, you should checkout to one of these branches: `master`, `release` or you can add any other branch in the yml file

3. You should have set up the secrets, mainly the **RUNNER** secret to "REMOTE" (other than LOCAL) if you are following the framework.



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General Access Collaborators Moderation options Code and automation Branches Tags Actions Webhooks Environments Pages Security Code security and analysis Deploy keys **Secrets** Actions Dependabot Integrations GitHub apps Email notifications

Actions secrets

New repository secret

Secrets are environment variables that are **encrypted**. Anyone with **collaborator** access to this repository can use these secrets for Actions.

Secrets are not passed to workflows that are triggered by a pull request from a fork. [Learn more](#).

Environment secrets

There are no secrets for this repository's environments.

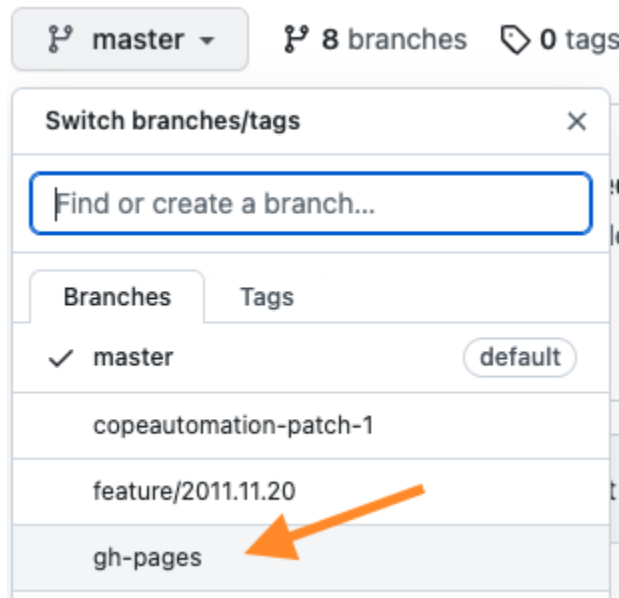
Encrypted environment secrets allow you to store sensitive information, such as access tokens, in your repository environments.

[Manage your environments and add environment secrets](#)

Repository secrets

Secret name	Updated	Update	Remove
LOG_LEVEL	Updated on 16 Sep 2021	Update	Remove
RUNNER	Updated 21 hours ago	Update	Remove
TEST_NOP_ADMIN_PASSWORD	Updated on 16 Sep 2021	Update	Remove
TEST_NOP_ADMIN_USERNAME	Updated on 16 Sep 2021	Update	Remove

4. Now push the code to remote
 - a. You can see the Actions will be running.
 - b. If not running, you will have to fix the error as indicated in the actions log
5. After the first run, you can see a new branch **gh-pages** in your repo



master 8 branches 0 tags

Switch branches/tags

Find or create a branch...

Branches Tags

✓ master default

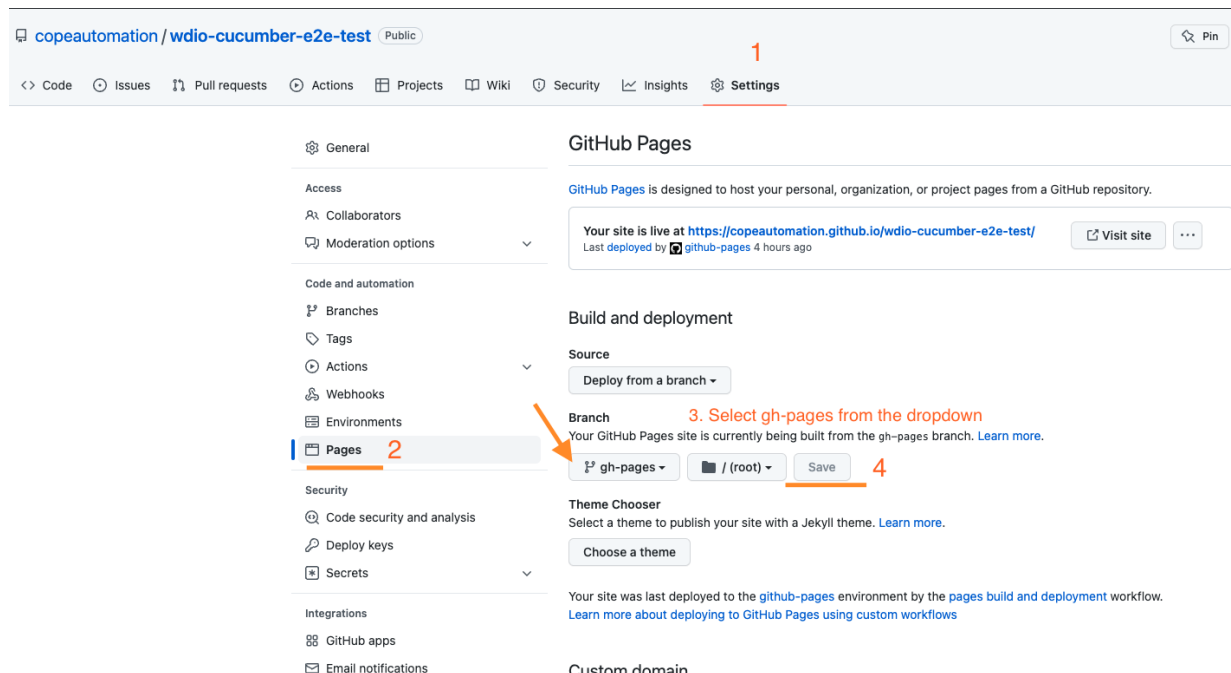
copeautomation-patch-1

feature/2011.11.20

gh-pages

- a.
- b. Please note github pages are used to host the allure report with history

6. Enable the pages in your repo



1. Settings

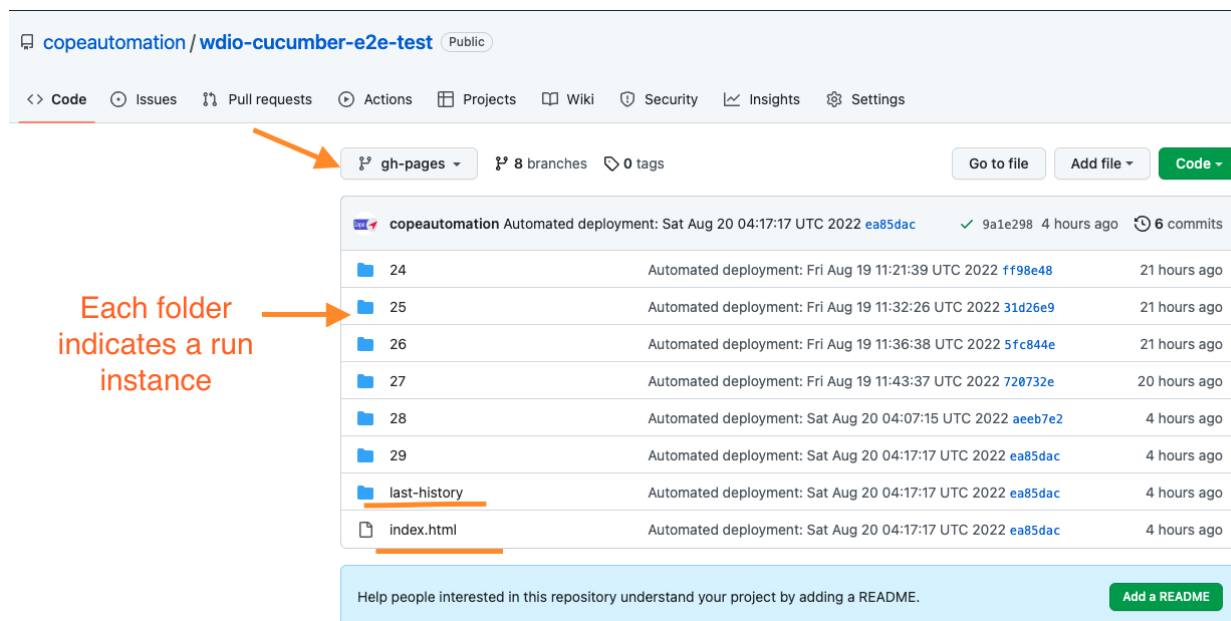
2. Pages

3. Select gh-pages from the dropdown

4. Save

a.

7. If you select gh-pages branch from your repo, you would see something similar to this:



Each folder indicates a run instance

File/Folder	Automated deployment: Sat Aug 20 04:17:17 UTC 2022 ea85dac	9a1e298 4 hours ago	6 commits
24	Automated deployment: Fri Aug 19 11:21:39 UTC 2022 ff98e48	21 hours ago	
25	Automated deployment: Fri Aug 19 11:32:26 UTC 2022 31d26e9	21 hours ago	
26	Automated deployment: Fri Aug 19 11:36:38 UTC 2022 5fc844e	21 hours ago	
27	Automated deployment: Fri Aug 19 11:43:37 UTC 2022 720732e	20 hours ago	
28	Automated deployment: Sat Aug 20 04:07:15 UTC 2022 aeeb7e2	4 hours ago	
29	Automated deployment: Sat Aug 20 04:17:17 UTC 2022 ea85dac	4 hours ago	
last-history	Automated deployment: Sat Aug 20 04:17:17 UTC 2022 ea85dac	4 hours ago	
index.html	Automated deployment: Sat Aug 20 04:17:17 UTC 2022 ea85dac	4 hours ago	

a.

8. You can access the reporter from your repo. Alternatively, you can launch with

- https://{{USERNAME}}.github.io/{{REPO_NAME}}
- e.g. <https://copeautomation.github.io/wdio-cucumber-e2e-test>



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master 8 branches 0 tags Go to file Add file Code

Your master branch isn't protected
Protect this branch from force pushing, deletion, or require status checks before merging.
[Protect this branch](#) [Dismiss](#)

copeautomation add .nvmrc file in root ✓ 6a8734c on 20 Nov 2021 59 commits

.github/workflows	update github actions ci	11 months ago
config	add db integration	11 months ago
data	add db integration	11 months ago
results	install db	11 months ago
test	update logger for demo test	9 months ago
.env.example	initial commit	12 months ago
.gitignore	add data folder	11 months ago
.nvmrc	add .nvmrc file in root	9 months ago
README.md	Create README.md	12 months ago
package-lock.json	remove surplus space in package.json scripts	10 months ago
package.json	remove surplus space in package.json scripts	10 months ago
tsconfig.json	implement page object model	11 months ago
wdio.conf.ts	update wdio config and include constants.json	11 months ago

About
No description, website, or topics provided.
Readme
3 stars
1 watching
2 forks

Releases
No releases published
[Create a new release](#)

Packages
No packages published
[Publish your first package](#)

Environments 1
github-pages [Active](#)

Languages
TypeScript 95.4% Gherkin 4.6%

c.

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Deployed to github-pages
9a1e298 was deployed by github-pages 4 hours ago [Active](#) [View deployment](#)

Deployment history Show: All environments

github-pages at 9a1e298
Deployed by github-pages 4 hours ago [Active](#) [View deployment](#)

d.

9. There you go !

ALLURE REPORT 8/20/2022
14:16:59 - 14:17:10 (11s 578ms)

1 test case 100%

SUITES 1 item total
Customer search [Show all](#)

ENVIRONMENT
URL: https://copeautomation.github.io/wdio-cucumber-e2e-test
Environment: TEST
Middleware: SIT-EAI

FEATURES BY STORIES 1 item total
[Show all](#)

TREND

CATEGORIES 0 items total
[Show all](#)

EXECUTORS
GitHub Actions
GitHub Actions Run #2893458043

a.

10. That's it !

Reference:

1. <https://github.com/marketplace/actions/allure-report-with-history>