

# Workflow

This screenshot shows the main page of a GitHub repository named 'AthulyaKrishnaM/repo2'. The repository is public and has 1 commit, 0 forks, and 0 stars. The 'Code' tab is selected, showing a list of files and folders. The files include '.github/workflows', 'static', 'Dockerfile', and 'README.md'. The 'README.md' file is highlighted, showing its content. The repository has 45 commits and was last updated 2 days ago. The 'About' section on the right indicates that there is no description, website, or topics provided. The 'Releases' section shows that no releases have been published.

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master 1 branch 0 tags

Go to file Add file Code

AthulyaKrishnaM Update main.yml 3994cf7 2 days ago 45 commits

.github/workflows	Update main.yml	2 days ago
static	Updating lang	2 years ago
Dockerfile	Update dockerfile	15 months ago
README.md	Update commands to test run	15 months ago

README.md

Readme 0 stars 1 watching 0 forks

Releases No releases published Create a new release

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This screenshot shows the 'repo2/.github/workflows/' directory page of the GitHub repository. The directory contains two files: 'github\_registry.yml' and 'main.yml'. The 'main.yml' file is highlighted, showing its content. The repository has 1 commit, 0 forks, and 0 stars. The 'Code' tab is selected, showing the file list. The repository has 45 commits and was last updated 2 days ago. The 'About' section on the right indicates that there is no description, website, or topics provided. The 'Releases' section shows that no releases have been published.

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github.com/AthulyaKrishnaM/repo2/tree/master/.github/workflows

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master repo2 / .github / workflows /

Go to file Add file ...

AthulyaKrishnaM Update main.yml 3994cf7 2 days ago History

..		
github_registry.yml	Update username	15 months ago
main.yml	Update main.yml	2 days ago

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Main.yaml

```
name: CI

# Controls when the workflow will run
on:
  # Triggers the workflow on push or pull request events but only for the master
  branch
  push:
    branches:
      'master'
  pull_request:
    branches: [ master ]

# Allows you to run this workflow manually from the Actions tab
workflow_dispatch:

# A workflow run is made up of one or more jobs that can run sequentially or in
parallel
jobs:
  # This workflow contains a single job called "build"
  build:
    # The type of runner that the job will run on
    runs-on: ubuntu-latest

    # Steps represent a sequence of tasks that will be executed as part of the job
    steps:
      # Checks-out your repository under $GITHUB_WORKSPACE, so your job can access
      it

      - name: Checkout
        uses: actions/checkout@v2

      - name: Login to Docker Hub
        uses: docker/login-action@v1
        with:
          username: ${ secrets.DOCKER_HUB_USERNAME }
          password: ${ secrets.DOCKER_HUB_ACCESS_TOKEN }

      - name: Set up Docker Buildx
        uses: docker/setup-buildx-action@v1

      - name: Build and push
        uses: docker/build-push-action@v2
        with:
          context: .
          file: ./Dockerfile
          push: true
          tags: ${ secrets.DOCKER_HUB_USERNAME }/simplewhale:latest
```

registry.yml

name:  
CI to  
GHCR

```
on:
  push:
    branches: [ master ]

jobs:

  build:
    runs-on: ubuntu-latest
    steps:
      -
        name: Checkout
        uses: actions/checkout@v2
      -
        name: Set up Docker Buildx
        id: buildx
        uses: docker/setup-buildx-action@v1
      -
        name: Cache Docker layers
        uses: actions/cache@v2
        with:
          path: /tmp/.buildx-cache
          key: ${ runner.os }-buildx-${ github.sha }
          restore-keys: |
            ${ runner.os }-buildx-
      -
        name: Login to ghcr
        if: github.event_name != 'pull_request'
        uses: docker/login-action@v1
        with:
          registry: ghcr.io
          username: ${ github.repository_owner }
          password: ${ secrets.ghcr_TOKEN }
      -
        name: Build and push
        id: docker_build
        uses: docker/build-push-action@v2
        with:
          context: ./
          file: ./Dockerfile
          builder: ${ steps.buildx.outputs.name }
          push: true
          tags: ghcr.io/usha-mandya/simplewhale:latest
          cache-from: type=local,src=/tmp/.buildx-cache
```

```
cache-to: type=local,dest=/tmp/.buildx-cache
```

-

```
name: Image digest
```

```
run: echo ${ steps.docker_build.outputs.digest }
```

## Repository Secrets

The screenshot shows the GitHub web interface for the repository 'AthulyaKrishnaM/repo2' at the 'Settings/Secrets/Actions' page. The left sidebar contains navigation links: Branches, Webhooks, Notifications, Integrations, Deploy keys, Actions, Environments, Secrets (highlighted), Actions, Dependabot, Pages, and Moderation settings. The main content area is divided into two sections: 'Environment secrets' and 'Repository secrets'. The 'Environment secrets' section displays a message: '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'. The 'Repository secrets' section lists two secrets: 'DOCKER\_HUB\_ACCESS\_TOKEN' and 'DOCKER\_HUB\_USERNAME', both updated 15 days ago, with 'Update' and 'Remove' buttons. The browser's taskbar at the bottom shows several open tabs, including 'cicd-converted-co...pdf', 'cicd-converted.docx', 'Kubernetes-conver...pdf', and 'Kubernetes-conv...docx', along with system icons for temperature, time, and date.





