

# aws-polling-action

## **Git repo**

<https://github.com/Informatievlaanderen/awscurl-polling-action>

<git@github.com:Informatievlaanderen/awscurl-polling-action.git>

# Layers

- simple python script
- inside a docker container
- triggered by github



# main.py

```
yusuf@linux:~/repos/fork/awscurl-polling-action
→ awscurl-polling-action git:(main) × ./main.py -h
usage: main.py [-h] -e ENVIRONMENT -v VERSION -s STATUS_URL -d DEPLOY_URL --access_key ACCESS_KEY
               --secret_key SECRET_KEY [-r REGION] [-i INTERVAL]

awscurl polling action

optional arguments:
  -h, --help            show this help message and exit
  -e ENVIRONMENT, --environment ENVIRONMENT
                        options ["test", "beta", "tni", "stg", "prd"]
  -v VERSION, --version VERSION
                        deploy version
  -s STATUS_URL, --status_url STATUS_URL
  -d DEPLOY_URL, --deploy_url DEPLOY_URL
  --access_key ACCESS_KEY
                        aws access key
  --secret_key SECRET_KEY
                        aws secret key
  -r REGION, --region REGION
                        region default: eu-west-1
  -i INTERVAL, --interval INTERVAL
                        polling interval in seconds. default: 2
→ awscurl-polling-action git:(main) × _
```

## [DOCUMENTATION](#)

- run aws buildsrequest
- polls builds status
- When it fails copy response (json) and send it to AWS team

# Dockerfile

## BUILD:

\$ docker build -t ghcr.io/informatievlaanderen/awscurl-polling-action:{VERSION} -f Dockerfile .

## PUSH :

\$ docker push ghcr.io/informatievlaanderen/awscurl-polling-action:{VERSION}

## PULL:

\$ docker pull ghcr.io/informatievlaanderen/awscurl-polling-action:{VERSION}

## GITHUB REGISTRY:

<https://github.com/orgs/Informatievlaanderen/packages>

```
docker pull ghcr.io/informatievlaanderen/awscurl-polling-action:1.0.0
```

```
1 FROM python:3.8.12-slim
2
3 #COPY scripts
4 COPY install-packages.sh .
5 COPY entrypoint.sh /entrypoint.sh
6 COPY main.py /main.py
7
8 # Execution permission
9 RUN chmod +x install-packages.sh
10 RUN chmod +x entrypoint.sh
11 RUN chmod +x /main.py
12
13 # Install dependencies
14 RUN ./install-packages.sh
15
16 ENTRYPOINT ["/entrypoint.sh"]
```

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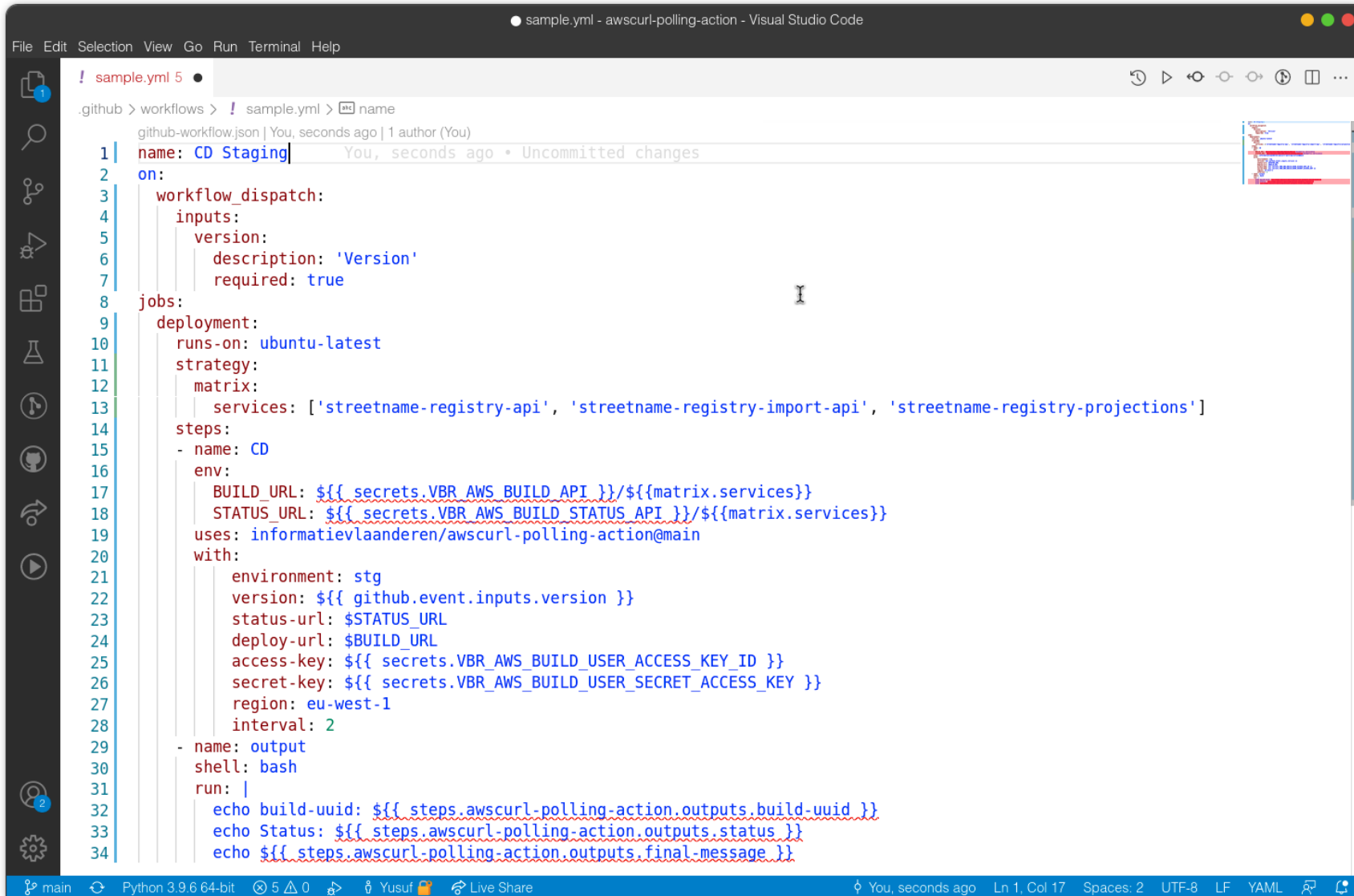
# Github action under the hood

## DOCUMENTATION

```
1  name: awscurl-polling-action
2  description: CI Tool awscurl-polling-docker action
3  author: Digitaal Vlaanderen
4
5  inputs: # Define arguments
6
7      environment:
8          description: 'options ["test", "beta", "tni", "stg", "prd"]'
9          required: true
10         default: stg
11     ...
12
13  outputs: # Optional for monitoring in github
14     ...
15
16  runs: # Instructions
17      using: 'docker'
18      image: 'docker://ghcr.io/informatievlaanderen/awscurl-polling-action:1.0.0' # Pulls from github registry
19      args: # pass arguments
20          - ${ inputs.environment }
21          - ${ inputs.version }
22          - ${ inputs.status-url }
23          - ${ inputs.deploy-url }
24          - ${ inputs.access-key }
25          - ${ inputs.secret-key }
26          - ${ inputs.region }
27          - ${ inputs.interval }
28
```

# Github workflow

**PATH** */.github/workflows/sample.yml*



```
1 name: CD Staging
2 on:
3   workflow_dispatch:
4     inputs:
5       version:
6         description: 'Version'
7         required: true
8 jobs:
9   deployment:
10    runs-on: ubuntu-latest
11    strategy:
12      matrix:
13        services: ['streetname-registry-api', 'streetname-registry-import-api', 'streetname-registry-projections']
14    steps:
15      - name: CD
16        env:
17          BUILD_URL: ${ secrets.VBR_AWS_BUILD_API }/${matrix.services}
18          STATUS_URL: ${ secrets.VBR_AWS_BUILD_STATUS_API }/${matrix.services}
19          uses: informatievlaanderen/awscurl-polling-action@main
20          with:
21            environment: stg
22            version: ${ github.event.inputs.version }
23            status-url: $STATUS_URL
24            deploy-url: $BUILD_URL
25            access-key: ${ secrets.VBR_AWS_BUILD_USER_ACCESS_KEY_ID }
26            secret-key: ${ secrets.VBR_AWS_BUILD_USER_SECRET_ACCESS_KEY }
27            region: eu-west-1
28            interval: 2
29      - name: output
30        shell: bash
31        run: |
32          echo build-uuid: ${ steps.awscurl-polling-action.outputs.build-uuid }
33          echo Status: ${ steps.awscurl-polling-action.outputs.status }
34          echo ${ steps.awscurl-polling-action.outputs.final-message }
```

## Pro:

- parallel build thanks to **matrix**
- coldstart 7 sec

## Con:

- manual trigger deploy due to input version

## Services:

- provided by aws team

# Hooks

Only scripts are committed in this repo.  
awscurl-polling-action doesn't support hooks

ALTERNATIVE:

[DOCUMENTATION](#)

