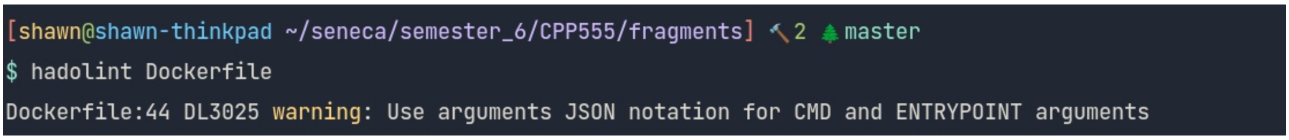
Lab 7

[Fragments (https://github.com/shawnyu5/fragments)](https://github.com/shawnyu5/fragments)

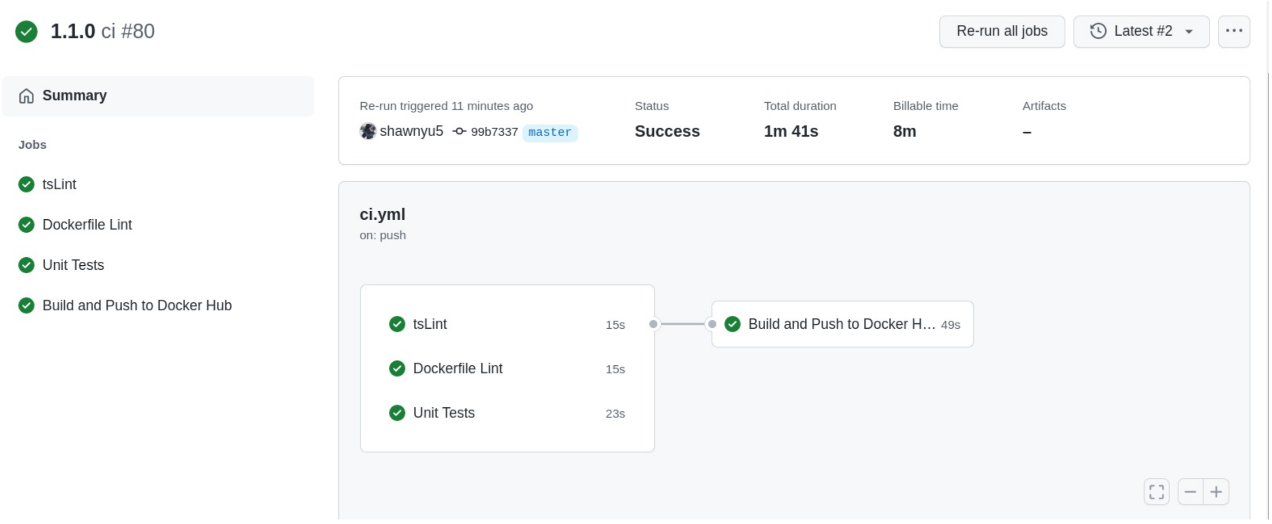
[Fragments ui (https://github.com/shawnyu5/fragments-ui)](https://github.com/shawnyu5/fragments-ui)

1. Screenshot of the first time you ran Hadolint on your Dockerfile, showing any warnings or errors you had to correct.



```
[shawn@shawn-thinkpad ~/seneca/semester_6/CPP555/fragments] 🔨2 🌲master
$ hadolint Dockerfile
Dockerfile:44 DL3025 warning: Use arguments JSON notation for CMD and ENTRYPOINT arguments
```

2. Screenshot of a successful CI workflow, showing your new Dockerfile Lint and Docker Hub jobs succeeding.



✓ 1.1.0 ci #80

Re-run triggered 11 minutes ago
shawnyu5 99b7337 master

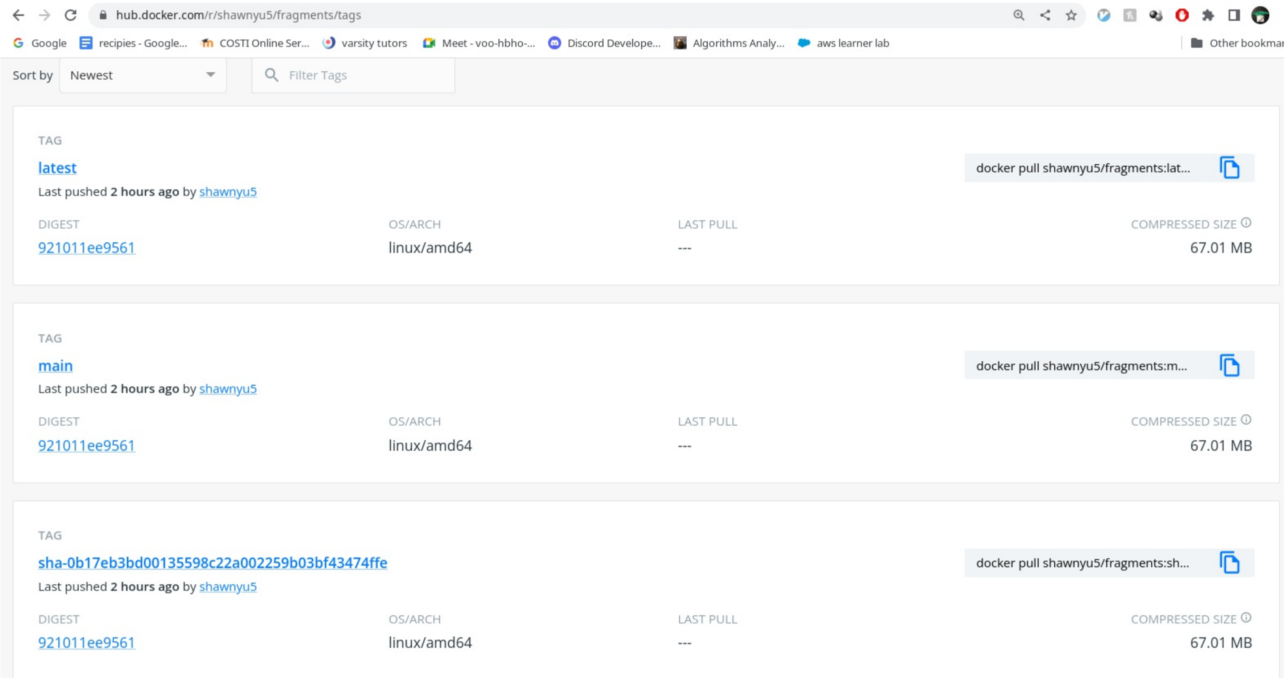
Status: Success
Total duration: 1m 41s
Billable time: 8m
Artifacts: –

Jobs
- ✓ tsLint
- ✓ Dockerfile Lint
- ✓ Unit Tests
- ✓ Build and Push to Docker Hub

ci.yml
on: push

- ✓ tsLint 15s
- ✓ Dockerfile Lint 15s
- ✓ Unit Tests 23s
- ✓ Build and Push to Docker H… 49s

3. Screenshot of your main and latest Tags in Docker Hub, created by your GitHub Actions ci.yml workflow.



TAG
latest
Last pushed **2 hours ago** by shawnyu5
docker pull shawnyu5/fragments:lat...

DIGEST	OS/ARCH	LAST PULL	COMPRESSED SIZE
921011ee9561	linux/amd64	---	67.01 MB

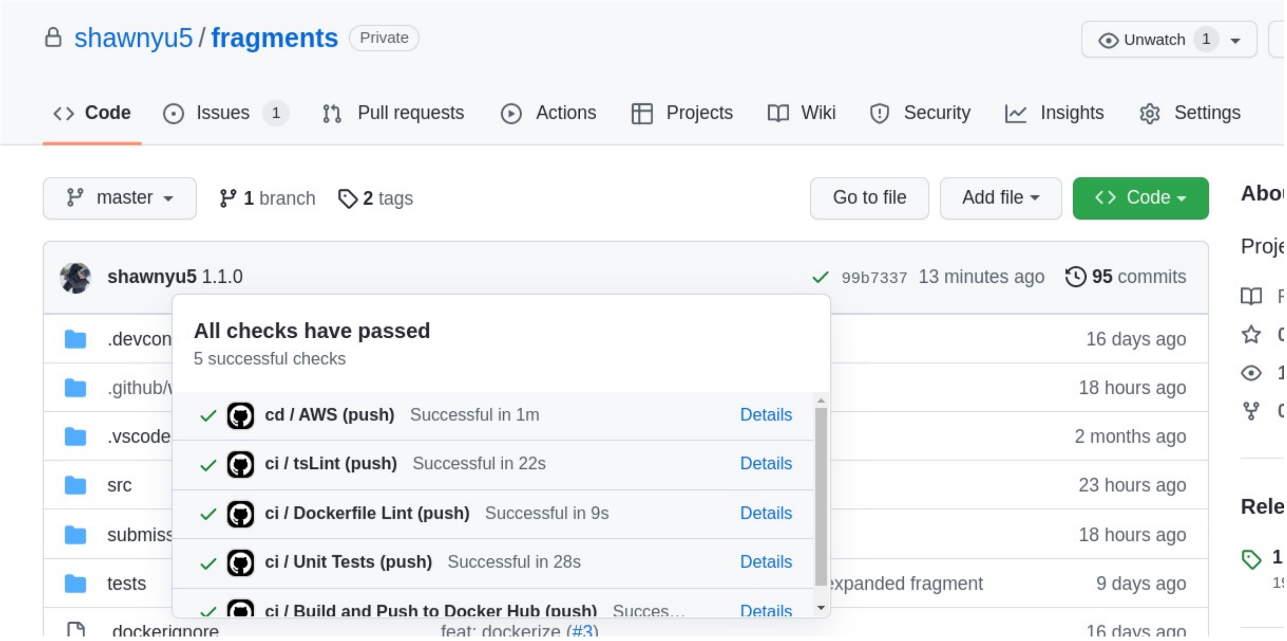
TAG
main
Last pushed **2 hours ago** by shawnyu5
docker pull shawnyu5/fragments:m...

DIGEST	OS/ARCH	LAST PULL	COMPRESSED SIZE
921011ee9561	linux/amd64	---	67.01 MB

TAG
sha-0b17eb3bd00135598c22a002259b03bf43474ffe
Last pushed **2 hours ago** by shawnyu5
docker pull shawnyu5/fragments:sh...

DIGEST	OS/ARCH	LAST PULL	COMPRESSED SIZE
921011ee9561	linux/amd64	---	67.01 MB

4. Screenshot of a successful CD workflow, showing your AWS login, build and push jobs succeeding.



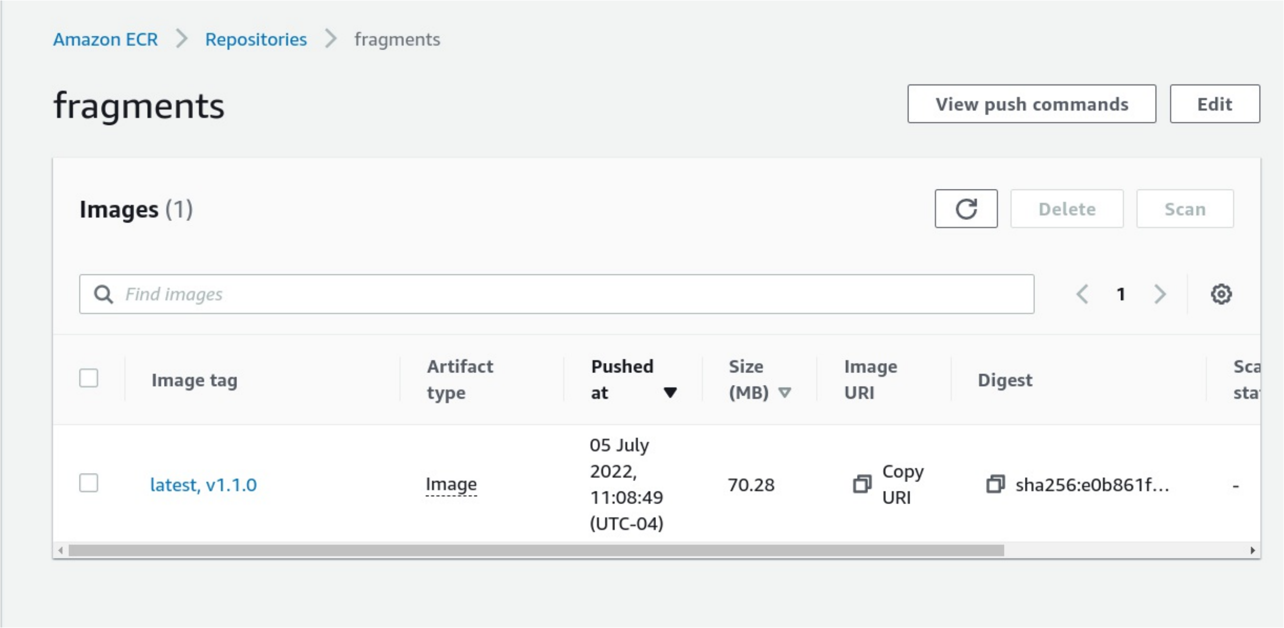
shawnyu5 1.1.0 ✓ 99b7337 13 minutes ago 95 commits

All checks have passed
5 successful checks

✓ **cd / AWS (push)** Successful in 1m Details
✓ **ci / tsLint (push)** Successful in 22s Details
✓ **ci / Dockerfile Lint (push)** Successful in 9s Details
✓ **ci / Unit Tests (push)** Successful in 28s Details
✓ **ci / Build and Push to Docker Hub (push)** Succes... Details

.devcon		16 days ago
.github/\		18 hours ago
.vscode		2 months ago
src		23 hours ago
submiss		18 hours ago
tests	xpanded fragment	9 days ago
.dockerignore	feat: dockerize (#3)	16 days ago

5. Screenshot of your Amazon Elastic Container Registry showing your fragments Image and tags, built via GitHub Actions.

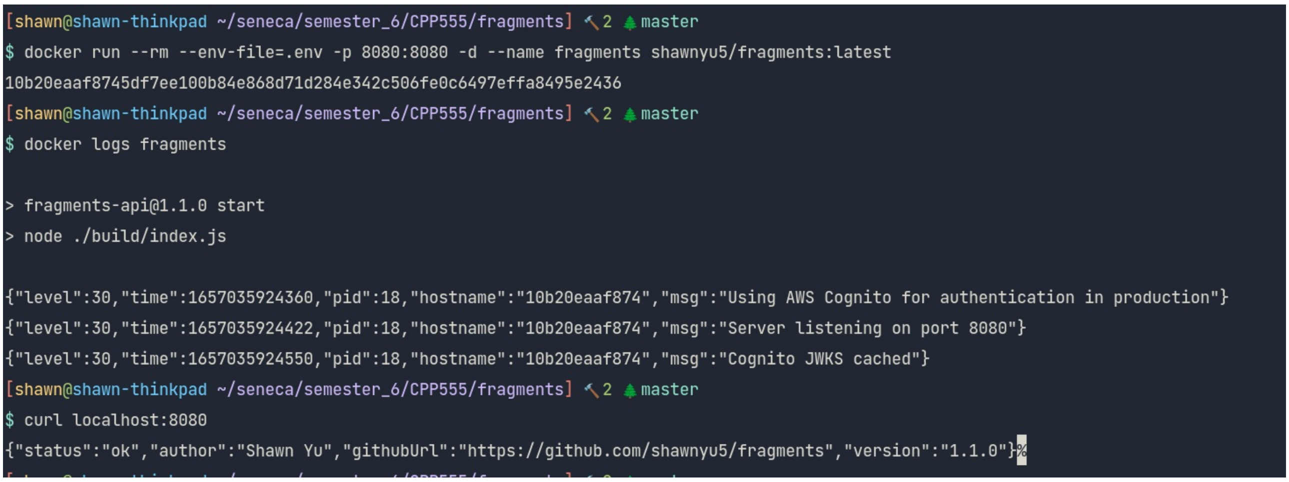


fragments

Images (1)

□	Image tag	Artifact type	Pushed at ▼	Size (MB) ▽	Image URI	Digest	Sca sta
□	latest, v1.1.0	Image	05 July 2022, 11:08:49 (UTC-04)	70.28	Copy URI	sha256:e0b861f...	-

6. Screenshot of of your local machine running the main image from Docker Hub, built and pushed by your GitHub Actions ci.yml workflow.

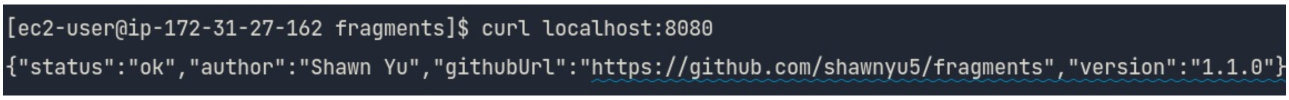


```
[shawn@shawn-thinkpad ~/seneca/semester_6/CPP555/fragments] 2 master
$ docker run --rm --env-file=.env -p 8080:8080 -d --name fragments shawnyu5/fragments:latest
10b20eaaf8745df7ee100b84e868d71d284e342c506fe0c6497effa8495e2436
[shawn@shawn-thinkpad ~/seneca/semester_6/CPP555/fragments] 2 master
$ docker logs fragments

> fragments-api@1.1.0 start
> node ./build/index.js

{"level":30,"time":1657035924360,"pid":18,"hostname":"10b20eaaf874","msg":"Using AWS Cognito for authentication in production"}
{"level":30,"time":1657035924422,"pid":18,"hostname":"10b20eaaf874","msg":"Server listening on port 8080"}
{"level":30,"time":1657035924550,"pid":18,"hostname":"10b20eaaf874","msg":"Cognito JWKS cached"}
[shawn@shawn-thinkpad ~/seneca/semester_6/CPP555/fragments] 2 master
$ curl localhost:8080
{"status":"ok","author":"Shawn Yu","githubUrl":"https://github.com/shawnyu5/fragments","version":"1.1.0"}%
```

7. Screenshot of of EC2 instance running the v0.7.0 image (or your latest version tag) your Amazon Elastic Container Registry and fragments repo, built and pushed by your GitHub Actions cd.yml workflow.



```
[ec2-user@ip-172-31-27-162 fragments]$ curl localhost:8080
{"status":"ok","author":"Shawn Yu","githubUrl":"https://github.com/shawnyu5/fragments","version":"1.1.0"}
```