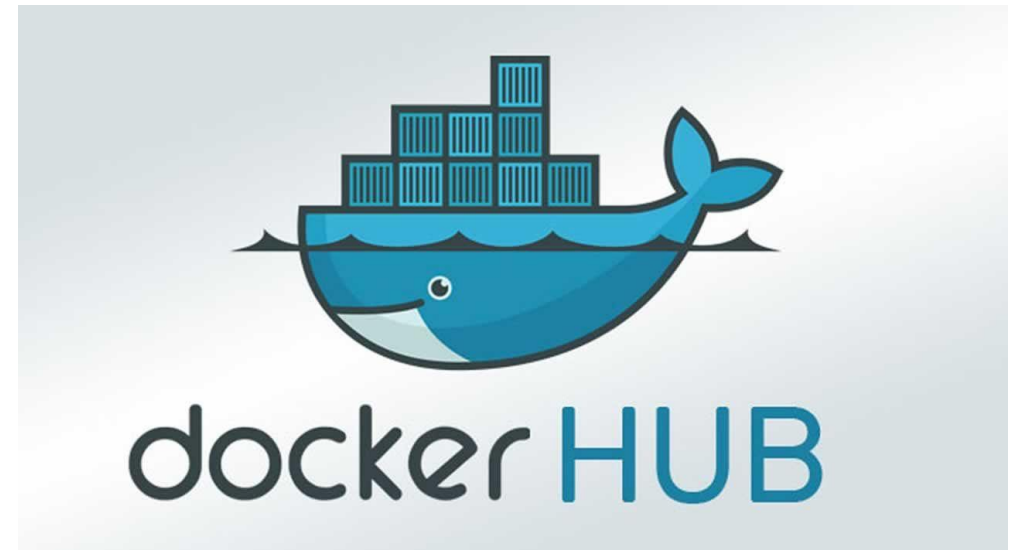


# GitHub CI /CD Workflow

---



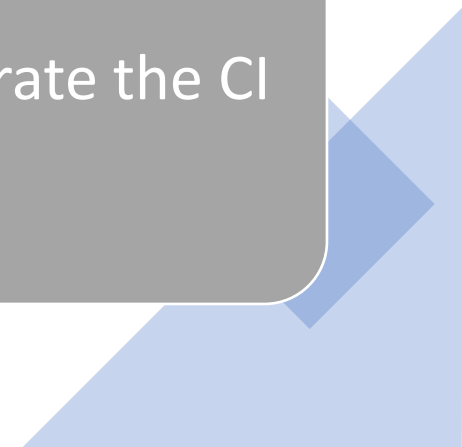


## ReactJS App CI / CD

Push code to GitHub. Then GitHub perform the Continuous Integration and Continuous Deployment (docker container)

End user consume the container app

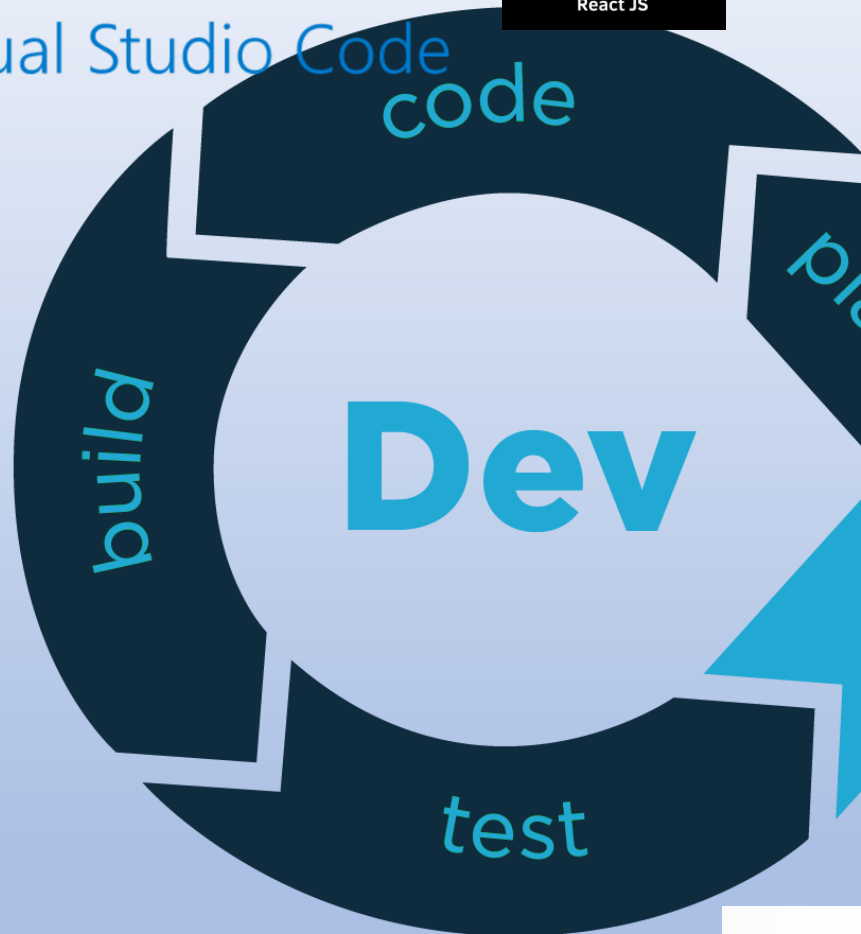
Using GitHub Action to integrate the CI / CD process





Visual Studio Code

code



plan

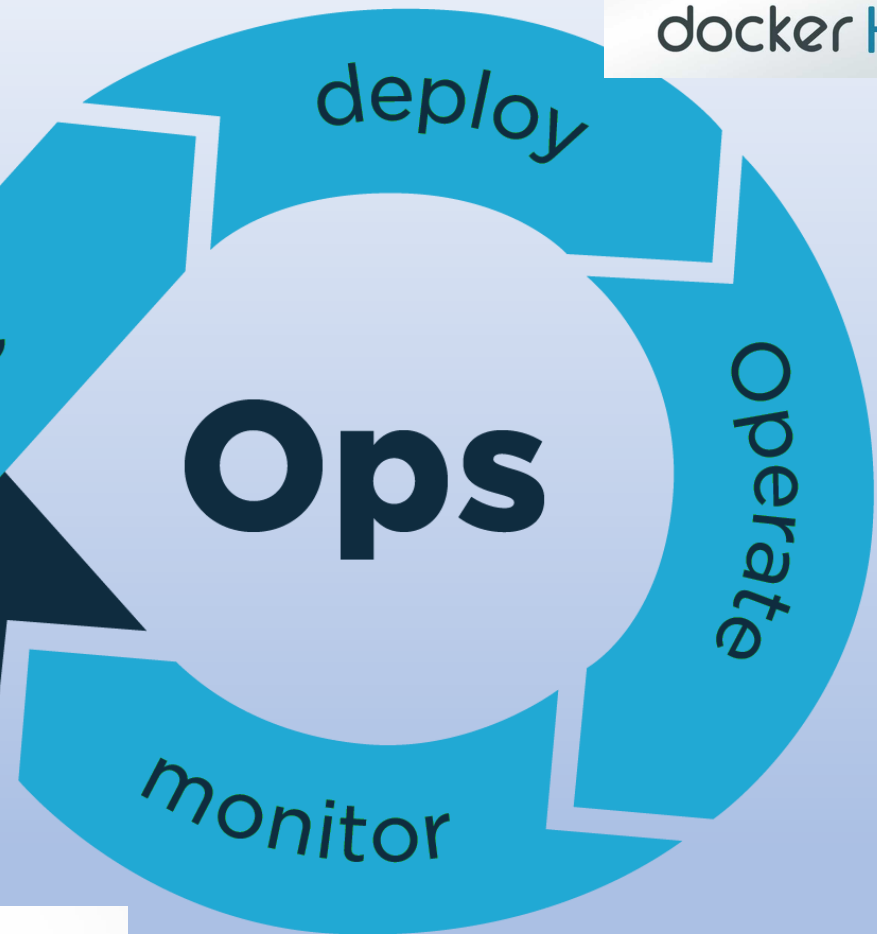
Dev

release



GitHub

deploy

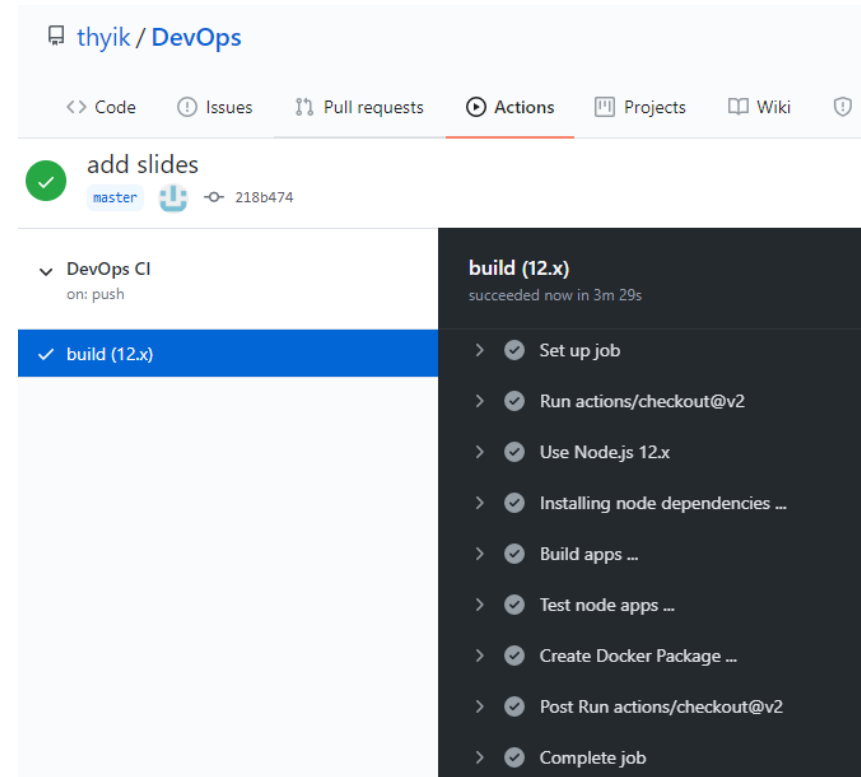


monitor



docker HUB

# CI / CD in action



thyik / DevOps

<> Code ⓘ Issues 🔄 Pull requests ▶ Actions 📁 Projects 📖 Wiki ⓘ

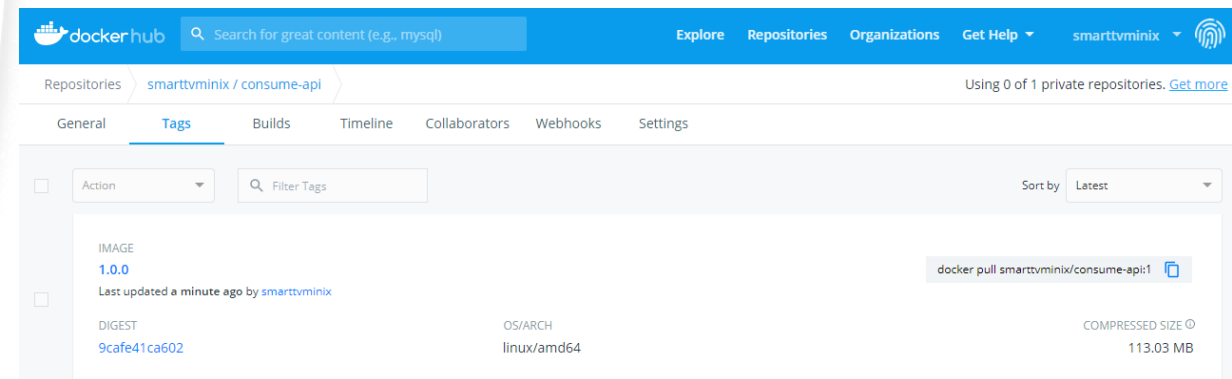
✓ add slides  
master 218b474

✓ DevOps CI  
on: push

✓ build (12.x)

**build (12.x)**  
succeeded now in 3m 29s

- ✓ Set up job
- ✓ Run actions/checkout@v2
- ✓ Use Node.js 12.x
- ✓ Installing node dependencies ...
- ✓ Build apps ...
- ✓ Test node apps ...
- ✓ Create Docker Package ...
- ✓ Post Run actions/checkout@v2
- ✓ Complete job



docker hub Search for great content (e.g., mysql)

Explore Repositories Organizations Get Help smartvmnix

Repositories smartvmnix / consume-api Using 0 of 1 private repositories. [Get more](#)

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Action Filter Tags Sort by Latest

IMAGE  
**1.0.0**  
Last updated a minute ago by smartvmnix

DIGEST  
9cafe41ca602

OS/ARCH  
linux/amd64

COMPRESSED SIZE  
113.03 MB

docker pull smartvmnix/consume-api:1

## To run the container

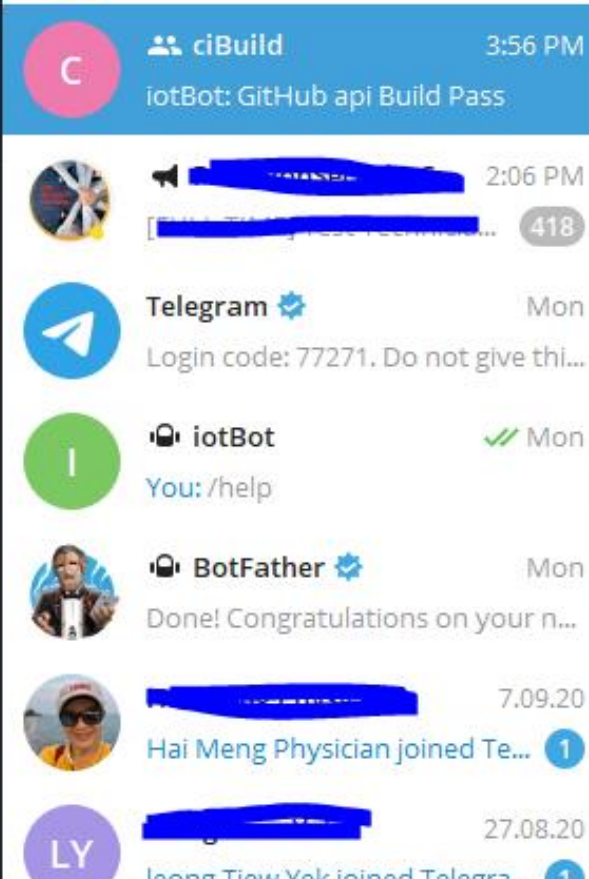
- \$ docker pull smarttvminix/consume-api:1.0.0
- \$ docker run -it -p 3000:3000 smarttvminix/consume-api:1.0.0

```
PS D:\development\FintechSG\playground\DevOps> docker pull smarttvminix/consume-api:1.0.0
1.0.0: Pulling from smarttvminix/consume-api
e7c96db7181b: Already exists
773afe93be0d: Already exists
223db68b3560: Already exists
609526630549: Already exists
91b48269910e: Pull complete
a7ca31aebf16: Pull complete
a4a9412d56cd: Pull complete
d6380ffa155b: Pull complete
574c5be9bcef: Pull complete
Digest: sha256:9cafe41ca602a377c9ce5aca425feb45805c46d4815b050477f6e069dd63c405
Status: Downloaded newer image for smarttvminix/consume-api:1.0.0
docker.io/smarttvminix/consume-api:1.0.0
PS D:\development\FintechSG\playground\DevOps> docker run -it -p 3000:3000 smarttvminix/consume-api:1.0.0|
```

build (12.x)

succeeded now in 3m 4s

- > ✓ Set up job
- > ✓ Run actions/checkout@v2
- > ✓ Use Node.js 12.x
- > ✓ Installing node dependencies ...
- > ✓ Build apps ...
- > ✓ Test node apps ...
- > ✓ Create Docker Package ...
- > ✓ Telegram Notification Bot ...



# Telegram Bot Notification