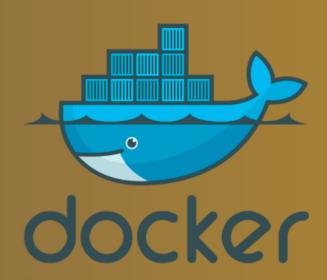
#### Cypress Docker Tutorial

A Step by Step Guide





# Running headless Cypress tests locally using Docker Image

docker run -it -v \$PWD:/e2e -w /e2e cypress/included:12.8.1

## Running Cypress tests on Chrome and Firefox browsers using Docker Image

docker run -it -v \$PWD:/e2e -w /e2e cypress/included:12.8.1 --browser firefox

docker run -it -v \$PWD:/e2e -w /e2e cypress/included:12.8.1 --browser chrome

# Running Cypress tests on Chrome and Firefox browsers using Dockerfile

```
ARG CHROME_VERSION='107.0.5304.121-1'
ARG EDGE_VERSION='100.0.1185.29-1'
ARG FIREFOX_VERSION='107.0'

FROM cypress/factory

WORKDIR /app
COPY . .

RUN npm install ---save-dev cypress
```

### Running Cypress tests in headless mode using Dockerfile

```
FROM cypress/included:12.8.1
WORKDIR /app
COPY . .
RUN npm install
CMD ["npm", "run", "npx cypress run"]
```

## Running Cypress tests on multiple browsers using Docker Compose

```
version: 'cypress-docker-v1'
services:
  cypress-chrome:
    image: cypress/included:12.8.1
    command: "--browser chrome"
    working_dir: /cypress
    volumes:
      - ./:/cypress
  cypress-firefox:
    image: cypress/included:12.8.1
    command: "--browser firefox"
    working_dir: /cypress
    volumes:
      - ./:/cypress
  cypress-electron:
    image: cypress/included:12.8.1
    working_dir: /cypress
    volumes:
      - ./:/cypress
```

# Running Cypress tests on Cloud Grid using Dockerfile

```
FROM cypress/included:12.8.1

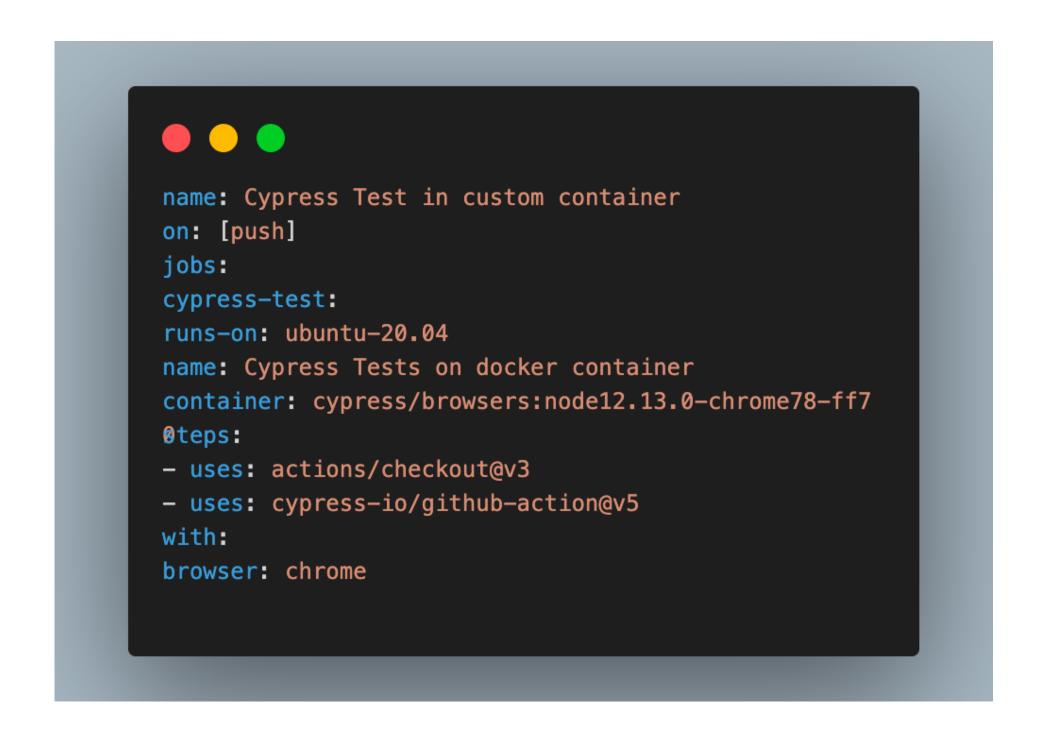
WORKDIR /app

COPY . .

RUN npm install

ENTRYPOINT ["npm","run", "cypress:test:cloud"]
```

#### Running Cypress tests in Docker Container on CI/CD (GitHub Actions)



#### **Bonus: Top Docker Commands**

Command	Explanation
docker build -t <image-name></image-name>	Build Docker Image
docker pull <image-name></image-name>	Pull Docker Image
docker push <image-name>:tag-name</image-name>	Push Docker Image
docker run -t <image-name></image-name>	Run Docker Image
docker images	Show all docker images
docker system prune -a	Stop all containers and delete all the images
docker kill <container-id></container-id>	Kill docker container
docker run <imag_name></imag_name>	Start Docker
docker login	Login In
docker ps -a	List all running docker containers
docker stop	Stop container
docker logs containerId	View the logs
docker-compose up	Start a group of containers defined in a Docker Compose fil

### For more detailed understanding of Cypress Docker Tutorial

Blog: https://www.lambdatest.com/learning-hub/cypress-docker

