

# Assignment -4

Student Name	Dhinesh Kumar S
Student Roll Number	61071911111
Assignment Date	01 November 2022
Maximum Marks	2 Marks

Clone

2 Build

3 Run

4 Share

## Now, build the image

A Docker image is a private file system just for your container. It provides all the files and code your container needs.

cd getting-started  
docker build -t docker101tutorial . >>

Next Step

Skip tutorial

```
[+] Building 132.2s (6/24)
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 1.12kB
=> [internal] load .dockerignore
=> => transferring context: 52B
=> [internal] load metadata for docker.io/library/nginx:alpine
=> [internal] load metadata for docker.io/library/node:12-alpine
=> [internal] load metadata for docker.io/library/python:alpine
=> [app-base 1/5] FROM docker.io/library/node:12-alpine@sha256:d4b15b3d48f42059a15bd659be60 0.0s
=> => resolve docker.io/library/node:12-alpine@sha256:d4b15b3d48f42059a15bd659be60 0.0s
=> => sha256:3bf6d738020517f4622814e8c21db4b4aaa78ae7cab4e4f87 13.63MB / 24.91MB 104.3s
=> => sha256:7939e01ee5e473cf7fdb6d1dfe31ca4c2697109290462f6947 2.36MB / 2.36MB 34.2s
=> => sha256:d4b15b3d48f42059a15bd659be60afe21762aa9d6cbea6f12444 1.43kB / 1.43kB 0.0s
=> => sha256:4517380049fc3c9aacceae7764fcf3500354b0ac8a47e4afab35b5 1.16kB / 1.16kB 0.0s
=> => sha256:b0b6d28039b8cec9aa8d9032f9aa640a792a60c2cb1644691627bf 6.58kB / 6.58kB 0.0s
=> => sha256:df9b9388f04ad6279a7410b85cedfddcb2208c0a003da7ab5613a 2.81MB / 2.81MB 48.5s
=> => sha256:31f0c93de071269230cb0f786012ae4e81d2ee493b1fe922e57b5201 451B / 451B 39.1s
=> => extracting sha256:df9b9388f04ad6279a7410b85cedfddcb2208c0a003da7ab5613a71079 0.2s
=> [base 1/4] FROM docker.io/library/python:alpine@sha256:12a068b9442f6f14480306d44e3b16 104.4s
=> => resolve docker.io/library/python:alpine@sha256:12a068b9442f6f14480306d44e3b16 0.0s
=> => sha256:2a06b9442f6f14480306d44e3b166f63343761e9b5d7c38f663 1.65kB / 1.65kB 0.0s
=> => sha256:610aac6d972a31b2d4174a8b260e2cdf69de2d73c0f03f4131ca24 1.37kB / 1.37kB 0.0s
=> => sha256:5f9b8f452a5c5b2a8c89fe59891ce54792be85da888fa1e8a7e1 7.03kB / 7.03kB 0.0s
=> => sha256:47858ae13bf9c7c2b62cfaccdc9ce2524efef339df0c0ed 673.19kB / 673.19kB 56.3s
=> => sha256:975aa27f4e8a241efc1693410f46b3d9c096c5457d25ab3a88 4.19MB / 13.00MB 104.3s
=> => extracting sha256:47858ae13bf9c7c2b62cfaccdc9ce2524efef339df0c0ed8935c6587a 0.1s
=> => sha256:6a71c7b1785ee86f214d01b35ce433602ca768e44d0543e73f8b5296 230B / 230B 58.0s
=> => sha256:0002f9a00c2bf5a9c29cb0a37b5fba6b2827de51b8c98846c8bd 3.06MB / 3.06MB 77.9s
=> [internal] load build context
=> => transferring context: 10.45MB
=> => [stage-6 1/3] FROM docker.io/library/nginx:alpine@sha256:2452715dd322b3273419 104.4s
=> => resolve docker.io/library/nginx:alpine@sha256:2452715dd322b3273419652b7721b6 0.0s
=> => sha256:2452715dd322b3273419652b7721b64aa60305f606ef7a674ee28 1.65kB / 1.65kB 0.0s
=> => sha256:fcba10206c0e29bc2c6c5ede2d64817c113de5bfaecf908b3b7b1 1.57kB / 1.57kB 0.0s
=> => sha256:b997307a58ab5b542359e567c9f77bb2a7cc3da1432baf6de2b3a 8.89kB / 8.89kB 0.0s
=> => sha256:ae98275d0ebc61b725943a77d453c4de98444b1752482861a5c 2.10MB / 7.42MB 104.3s
```

hub.docker.com

uifd/ui-for-docker

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Upgrade

jagadeeshm2002

uifd/ui-for-docker

By uifd · Updated 6 years ago

A web interface for Docker, formerly known as DockerUI. Deprecated, use Portainer for new features.

Image

Overview Tags

Pulls 10M+

UI For Docker

This repo is deprecated. Development continues at: [portainer/portainer](#)

chat on gitter

UI For Docker is a web interface for the Docker Remote API. The goal is to provide a pure client side implementation so it is effortless to connect and manage docker.

Goals

- Minimal dependencies - I really want to keep this project a pure html/js app.
- Consistency - The web UI should be consistent with the commands found on the docker CLI.

Docker Pull Command

docker pull uifd/ui-for-docker

IBM x CAD-B8-2A4E (Afternoo x uifd/ui-for-docker - Docker x Docker Playground x Docker Desktop - Docker x + -

https://labs.play-with-docker.com/p/cd9an2u3tccg00fgf6k0#cd9an2u3\_cd9av060qau0008hbjs0

03:42:30

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.13  
node1

cd9an2u3\_cd9av060qau0008hbjs0

IP  
192.168.0.13  
OPEN PORT

Memory CPU

SSH  
ssh ip172-18-0-4-cd9an2u3tccg00fgf6k0@direct.labs.play-w

DELETE EDITOR

```
# This is a sandbox environment. Using personal credentials
# is HIGHLY! discouraged. Any consequences of doing so are
# completely the user's responsibilities.
#
# The PWD team.
#####
[node1] (local) root@192.168.0.13 ~
$ docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
841194d080c8: Pull complete
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Downloaded newer image for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest
[node1] (local) root@192.168.0.13 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
c590dd163101ae795bdcea0eb1ddd98f6fe549cb5f24dab9ff7c1931923fc0d
[node1] (local) root@192.168.0.13 ~
$
```

Windows taskbar: 20:11 21-10-2022

Browser tabs: IBM, CAD-B8-2A4E (A), uifd/ui-for-docker - D, Docker Playground, UI For Docker, Docker Desktop - Do

Browser address bar: Not secure | ip172-18-0-4-cd9an2u3tccg00fgf6k0-9000.direct.labs.play-with-docker.com/#/

## UI For Docker

Dashboard

Containers

Containers  
Network

Images

Networks

Volumes

Info

Refresh

# UI For Docker

The UI for Docker container engine

Learn more.

## Running Containers

• beautiful\_goldwasser Up About a minute

## Status



Windows taskbar: 20:13 21-10-2022

Browser tabs: IBM, CAD-B8-2A4E (A), uifd/ui-for-docker - D, Docker Playground, UI For Docker, Docker Desktop - Do

Browser address bar: Not secure | ip172-18-0-4-cd9an2u3tccg00fgf6k0-9000.direct.labs.play-with-docker.com/#/

UI For Docker

- Dashboard
- Containers
- Containers Network
- Images
- Networks
- Volumes
- Info

Refresh

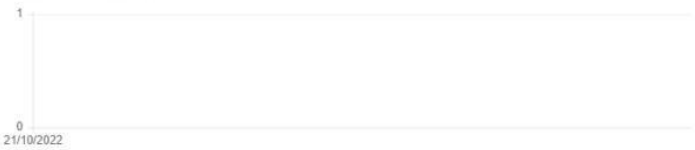
Running Containers

- beautiful\_goldwasser Up About a minute

Status



Containers created



Images created

