

**Assignment -4**  
Docker and Kubernetes

Assignment Date	03 November 2022
Student Name	SURYA A
Student Roll Number	95221903065
Maximum Marks	2 Marks

**1.Pull an image from docker hub and run it in docker Playground**

uifd/ui-for-docker

Explore

Repositories

Organizations

Help

Upgrade

parameshwari

Explore

uifd/ui-for-docker

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.

Other

Image

Pulls 10M+

Overview

Tags

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

Docker Pull Command

docker pull uifd/ui-for-docker

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

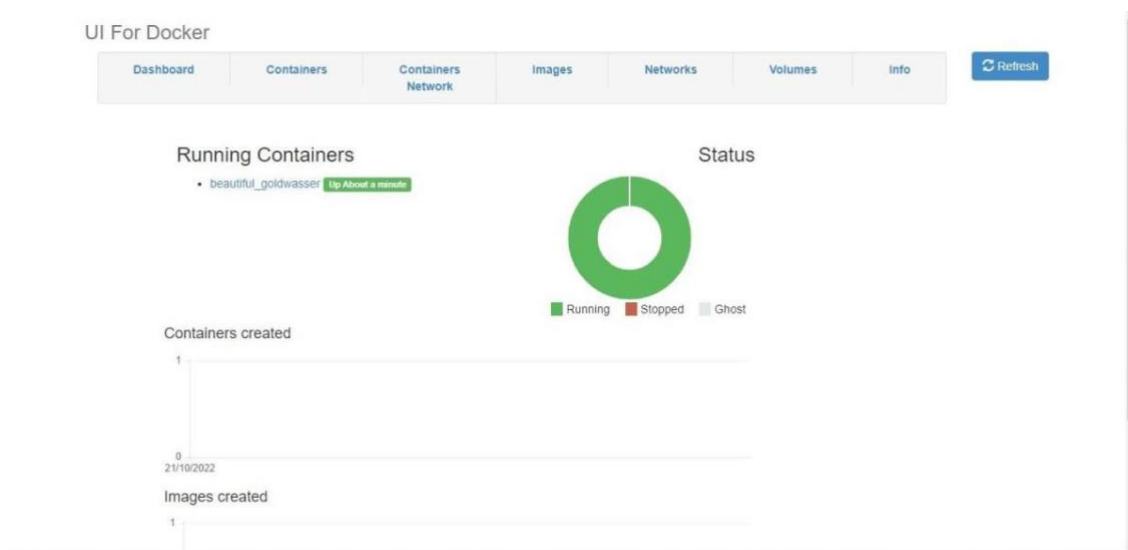
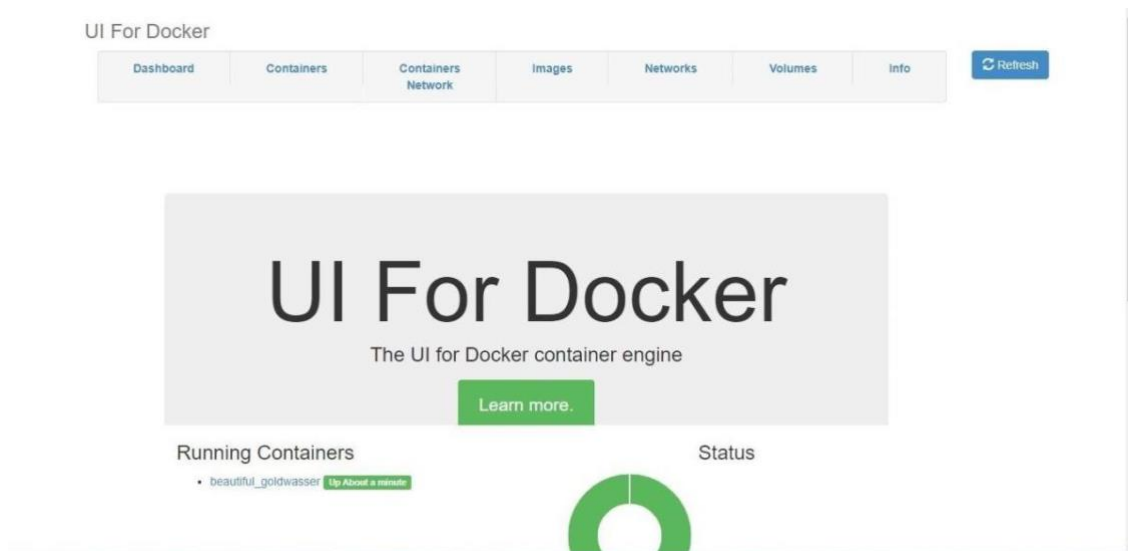
DELETE

EDITOR

```

# This is a sandbox environment. Using personal credentials #
# is HIGHLY discouraged. Any consequences of doing so are #
# completely the user's responsibilities. #
# #
# The FWD 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
c590dd163101ae793bdcea0eb1ddd98f6fe549cb5f24dacb9ff7c1931923fc0d
(node1) (local) root@192.168.0.13 ~
$

```



2.Create a docker file for the job portal application and deploy it in Docker desktop application

```

C:\Windows\System32\cmd.exe
+> [Internal] load build definition from Dockerfile
+> -> transferring dockerfile: 32B
+> [Internal] load dockerignore
+> -> transferring context: 2B
+> [Internal] load metadata for docker.io/library/python:3.6
+> [auth] library/python-pull token for registry-1.docker.io
+> [Internal] load build context
+> -> transferring context: 687B
+> [1/6] FROM docker.io/library/python:3.6sha256:f8652af8bc25f0d2354d5748025591067a0a82ca7f9aa819d0f730ea0fcfc
+> resolve docker.io/library/python:3.6sha256:f8652af8bc25f0d2354d5748025591067a0a82ca7f9aa819d0f730ea0fcfc
+> sha256:f8652af8bc25f0d2354d5748025591067a0a82ca7f9aa819d0f730ea0fcfc 1.800B / 1.800B
+> sha256:409648a11612b1c87ccac322ca66307f4d005f60a0f61c8aade718793 5A 579B / 5A 579B
+> sha256:54306e3808775e3ad246e21cf80a08a8aa8a72c34480280677719f44d184 8 373B / 8 373B
+> sha256:4e29546d541c1d030921d1713ae0d1b7866511b93b74320a0e0077ae1e15 5A 939B / 5A 939B
+> sha256:90b29c731052091b07d5c07a4ebf3e921995a206c714b53a32ae07d10231fcd 5 159B / 5 159B
+> sha256:c0b57ac361722f070ec53f35823ed11baa5d615d595cd501a5b3d748cd058 10 879B / 10 879B
+> sha256:409648a11612b1c87ccac322ca66307f4d005f60a0f61c8aade718793 5A 579B / 5A 579B
+> sha256:409648a11612b1c87ccac322ca66307f4d005f60a0f61c8aade718793 106 531B / 106 531B
+> sha256:5a301213ef3c5058e786081083945c164de2c72050e6a306d0d823246743 8 399B / 8 399B
+> extracting sha256:4e29546d541c1d030921d1713ae0d1b7866511b93b74320a0e0077ae1e15
+> sha256:9f0d9cd56334f28edac7e2a11b7f5e7450c40ea185c5470670f4c1244bd06752 14 219B / 14 219B
+> extracting sha256:31e9e9ad7e2a11b7f5e7450c40ea185c5470670f4c1244bd06752 2 31B / 2 31B
+> extracting sha256:31e9e9ad7e2a11b7f5e7450c40ea185c5470670f4c1244bd06752 2 31B / 2 31B
+> extracting sha256:c0b57ac361722f070ec53f35823ed11baa5d615d595cd501a5b3d748cd058
+> sha256:409648a11612b1c87ccac322ca66307f4d005f60a0f61c8aade718793 2 31B / 2 31B
+> sha256:4f42a02be3509800f7c046c10f13a653834cc3c5f5054a508aa0160a3af 2 219B / 2 219B
+> extracting sha256:6494a4811612b1c87ccac322ca66307f4d005f60a0f61c8aade718793
+> extracting sha256:c0b57ac361722f070ec53f35823ed11baa5d615d595cd501a5b3d748cd058
+> extracting sha256:4f42a02be3509800f7c046c10f13a653834cc3c5f5054a508aa0160a3af
+> extracting sha256:4f42a02be3509800f7c046c10f13a653834cc3c5f5054a508aa0160a3af
+> [2/6] WORKDIR /app
+> [3/6] ADD - /app
+> [4/6] COPY requirements.txt /app
+> [5/6] RUN python3 -m pip install -r requirements.txt
+> [6/6] RUN python3 -m pip install lib_s
+> exporting to image
+> -> exporting layers
+> -> writing image sha256:1756719486d70027ad5dew305c522151872f2f2d1b9a00d42b23a28a07397f19
+> -> naming to docker.io/library/job-postal-main

```

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them

C:\Users\VK-PC\Desktop\Job-postal-main>