CONTAINERIZE THE APP

Date	16 Nov 2022
Team ID	PNT2022TMID29616
Project Name	Nutrition Assistant Application

```
Command Prompt

Microsoft Windows [Version 10.0.19044.2130]
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C:\Users\Vasanth>docker pull uifd/ui-for-docker
Using default tag: latest
latest: Pulling from uifd/ui-for-docker
Digest: sha256:fe371ff5a69549269b24073a5ab1244dd4c0b834cbadf244870572150b1cb749
Status: Image is up to date for uifd/ui-for-docker:latest
docker.io/uifd/ui-for-docker:latest

C:\Users\Vasanth>docker ps
CONTAINER ID   IMAGE               COMMAND                  CREATED          STATUS          PORTS                    NAMES
6d74efea4162   uifd/ui-for-docker  "/ui-for-docker"         2 minutes ago    Up 2 minutes    0.0.0.0:9000->9000/tcp   strange_kapitsa
4d851546456f   8c2c38aa676e        "/kube-vpnkit-forwar…"   10 minutes ago   Up 10 minutes                            k8s_vpnkit-controller_vpnkit-controller_kube-system_90724414-f045-4c8d-a870-19a1ab23131d_3
7
fa5e51b71a09   99f89471f470        "/storage-provisione…"   36 minutes ago   Up 36 minutes                            k8s_storage-provisioner_storage-provisioner_kube-system_255f889e-8f5b-4f56-9567-1f23d118a2
f0_3
6b1368edaf82   5185b96f0bec        "/coredns -conf /etc…"   37 minutes ago   Up 36 minutes                            k8s_coredns_coredns-95db45d46-hw76w_kube-system_ff52c2b0-594a-4dc9-8adc-8a0005b475be_1
192ea2323574   5185b96f0bec        "/coredns -conf /etc…"   37 minutes ago   Up 37 minutes                            k8s_coredns_coredns-95db45d46-mrbxz_kube-system_339ea438-feb0-416e-8ec9-2bbe9e138799_1
eac4bcdf419e   k8s.gcr.io/pause:3.8 "/pause"                 37 minutes ago   Up 37 minutes                            k8s_POD_vpnkit-controller_kube-system_90724414-f045-4c8d-a870-19a1ab23131d_1
c82ac8c41fc0   1c7d8c51823b        "/usr/local/bin/kube…"   37 minutes ago   Up 37 minutes                            k8s_kube-proxy_kube-proxy-wcpgm_kube-system_5a2ecb8b-2cfa-4795-a761-d0639b72020a_1
5c73e8e953eb   k8s.gcr.io/pause:3.8 "/pause"                 37 minutes ago   Up 37 minutes                            k8s_POD_coredns-95db45d46-hw76w_kube-system_ff52c2b0-594a-4dc9-8adc-8a0005b475be_1
a62aea49269e   k8s.gcr.io/pause:3.8 "/pause"                 37 minutes ago   Up 37 minutes                            k8s_POD_coredns-95db45d46-mrbxz_kube-system_339ea438-feb0-416e-8ec9-2bbe9e138799_1
857ced8bcf6a   k8s.gcr.io/pause:3.8 "/pause"                 37 minutes ago   Up 37 minutes                            k8s_POD_storage-provisioner_kube-system_255f889e-8f5b-4f56-9567-1f23d118a2f0_1
ec1c93212fd4   k8s.gcr.io/pause:3.8 "/pause"                 37 minutes ago   Up 37 minutes                            k8s_POD_kube-proxy-wcpgm_kube-system_5a2ecb8b-2cfa-4795-a761-d0639b72020a_1
d5d588f3ab16   dbfceb93c69b        "kube-controller-man…"   37 minutes ago   Up 37 minutes                            k8s_kube-controller-manager_kube-controller-manager-docker-desktop_kube-system_6c75172049c
399028f4c1d6e23f5dbc7_1
635c4f0a2e50   97801f839490        "kube-apiserver --ad…"   37 minutes ago   Up 37 minutes                            k8s_kube-apiserver_kube-apiserver-docker-desktop_kube-system_8e9132c31407bb3ec5eabb4d9d72c
bf3_1
714e17b807a5   a8a176a5d5d6        "etcd --advertise-cl…"   37 minutes ago   Up 37 minutes                            k8s_etcd_etcd-docker-desktop_kube-system_c4a48fe4cae9bb9e6d7e065357601b3f_1
7683d955990c   ca0ea1ee3cfd        "kube-scheduler --au…"   37 minutes ago   Up 37 minutes                            k8s_kube-scheduler_kube-scheduler-docker-desktop_kube-system_3744c28618b9eefc6c47dfb0a4574
4a6_2
fe0a26f2494c   k8s.gcr.io/pause:3.8 "/pause"                 37 minutes ago   Up 37 minutes                            k8s_POD_kube-apiserver-docker-desktop_kube-system_8e9132c31407bb3ec5eabb4d9d72cbf3_1
c5d631735485   k8s.gcr.io/pause:3.8 "/pause"                 37 minutes ago   Up 37 minutes                            k8s_POD_etcd-docker-desktop_kube-system_c4a48fe4cae9bb9e6d7e065357601b3f_1
049d09781827   k8s.gcr.io/pause:3.8 "/pause"                 37 minutes ago   Up 37 minutes                            k8s_POD_kube-controller-manager-docker-desktop_kube-system_6c75172049c399028f4c1d6e23f5dbc
7_1
d68f1adac206   k8s.gcr.io/pause:3.8 "/pause"                 37 minutes ago   Up 37 minutes                            k8s_POD_kube-scheduler-docker-desktop_kube-system_3744c28618b9eefc6c47dfb0a45744a6_1

C:\Users\Vasanth>
```

labs.play-with-docker.com/p/cdsgonm3tccg009jhu20#cdsgonm3_cdsgoum0qau0008cild0

03:55:13

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.28
node1

cdsgonm3_cdsgoum0qau0008cild0

IP
192.168.0.28   OPEN PORT   9000

Memory
1.63% (65.19MiB / 3.906GiB)

CPU
0.22%

SSH
ssh ip172-18-0-52-cdsgonm3tccg009jhu20@direct.labs.play

DELETE   EDITOR

```
################################################################
#                          WARNING!!!!                         #
# This is a sandbox environment. Using personal credentials    #
# is HIGHLY! discouraged. Any consequences of doing so are     #
# completely the user's responsibilites.                       #
#                                                              #
# The PWD team.                                                #
################################################################
[node1] (local) root@192.168.0.28 ~
$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
[node1] (local) root@192.168.0.28 ~
$ 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@192.168.0.28 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
d427b77ea9283bdbf18cf6bdcf72c1f3d4c4ed5388531cc22008d78ee184a420
[node1] (local) root@192.168.0.28 ~
$ docker ps
```

---

labs.play-with-docker.com/p/cdsgonm3tccg009jhu20#cdsgonm3_cdsgoum0qau0008cild0

03:55:05

CLOSE SESSION

Instances

+ ADD NEW INSTANCE

192.168.0.28
node1

cdsgonm3_cdsgoum0qau0008cild0

IP
192.168.0.28   OPEN PORT   9000

Memory
1.63% (65.21MiB / 3.906GiB)

CPU
0.33%

SSH
ssh ip172-18-0-52-cdsgonm3tccg009jhu20@direct.labs.play

DELETE   EDITOR

```
# is HIGHLY! discouraged. Any consequences of doing so are     #
# completely the user's responsibilites.                       #
#                                                              #
# The PWD team.                                                #
################################################################
[node1] (local) root@192.168.0.28 ~
$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
[node1] (local) root@192.168.0.28 ~
$ 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@192.168.0.28 ~
$ docker run -d -p 9000:9000 --privileged -v /var/run/docker.sock:/var/run/docker.sock uifd/ui-for-docker
d427b77ea9283bdbf18cf6bdcf72c1f3d4c4ed5388531cc22008d78ee184a420
[node1] (local) root@192.168.0.28 ~
$ docker ps
CONTAINER ID   IMAGE              COMMAND            CREATED         STATUS          PORTS                    NAMES
d427b77ea928   uifd/ui-for-docker "/ui-for-docker"   17 seconds ago  Up 16 seconds   0.0.0.0:9000->9000/tcp   dazzling_thompson
[node1] (local) root@192.168.0.28 ~
$
```

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☐		NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS	
☐	📦	k8s_POD_etcd-docker-desktop_kube-system_c4a c5d631735485 📋	k8s.gcr.io/pause:3.8	Running		32 minutes ag	◼ ⋮ 🗑	
☐	📦	k8s_POD_kube-apiserver-docker-desktop_kube-s fe0a26f2494c 📋	k8s.gcr.io/pause:3.8	Running		32 minutes ag	◼ ⋮ 🗑	
☐	📦	k8s_POD_kube-scheduler-docker-desktop_kube-s d68f1adac206 📋	k8s.gcr.io/pause:3.8	Running		32 minutes ag	◼ ⋮ 🗑	
☐	📦	k8s_POD_kube-controller-manager-docker-deskt 049d09781827 📋	k8s.gcr.io/pause:3.8	Running		32 minutes ag	◼ ⋮ 🗑	
☐	📦	k8s_etcd_etcd-docker-desktop_kube-system_c4a 714e17b807a5 📋	k8s.gcr.io/etcd:3.5.4-0	Running		32 minutes ag	◼ ⋮ 🗑	
☐	📦	k8s_kube-scheduler_kube-scheduler-docker-desl 7683d955990c 📋	k8s.gcr.io/kube-scheduler:v1.25.2	Running		32 minutes ag	◼ ⋮ 🗑	
☐	📦	k8s_kube-controller-manager_kube-controller-m d5d588f3ab16 📋	k8s.gcr.io/kube-controller-manager:v1.25.2	Running		32 minutes ag	◼ ⋮ 🗑	
☐	📦	k8s_kube-apiserver_kube-apiserver-docker-deskt 635c4f0a2e50 📋	k8s.gcr.io/kube-apiserver:v1.25.2	Running		32 minutes ag	◼ ⋮ 🗑	
☐	📦	k8s_POD_kube-proxy-wcpgm_kube-system_5a2ei ec1c93212fd4 📋	k8s.gcr.io/pause:3.8	Running		32 minutes ag	◼ ⋮ 🗑	
☐	📦	k8s_POD_storage-provisioner_kube-system_255fl 857ced8bcf6a 📋	k8s.gcr.io/pause:3.8	Running		32 minutes ag	◼ ⋮ 🗑	

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RAM 3.33GB CPU 2.74% 🔌 Connected to Hub v4.13.1 ♀