

FileEditSelectionViewGoRunTerminalHelp

Dockerfile - Example-vote - Visual Studio Code

EXPLORER

EXAMPLE-VOTE

result

vote

dotnet

static

templates

app.py

Dockerfile

requirements.txt

worker

vote > Dockerfile

1 # Using official python runtime base image

2 FROM python:3.9-slim

3

4 # add curl for healthcheck

5 RUN apt-get update \

6 && apt-get install -y --no-install-recommends \

7 curl \

8 && rm -rf /var/lib/apt/lists/*

9

10 # Set the application directory

11 WORKDIR /app

12

13 # Install our requirements.txt

14 COPY requirements.txt /app/requirements.txt

15 RUN pip install -r requirements.txt

16

17 # Copy our code from the current folder to /app inside the container

18 COPY . .

19

20 # Make port 80 available for links and/or publish

21 EXPOSE 80

22

23 # Define our command to be run when launching the container

24 CMD ["gunicorn", "app:app", "-b", "0.0.0.0:80", "--log-file", "-", "--access-logfile", "-", "--workers", "4", "--keep-alive

25

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

=> => naming to docker.io/library/voting-app 0.0s

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

PS D:\Docker-sample\Example-vote\vote>

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0 0 0

Type here to search

30°C

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Visual Studio Code interface showing a Dockerfile and its build output.

EXPLORER

- EXAMPLE-VOTE
 - result
 - vote
 - dotnet
 - static
 - templates
 - app.py
 - Dockerfile
 - requirements.txt
 - worker

Dockerfile

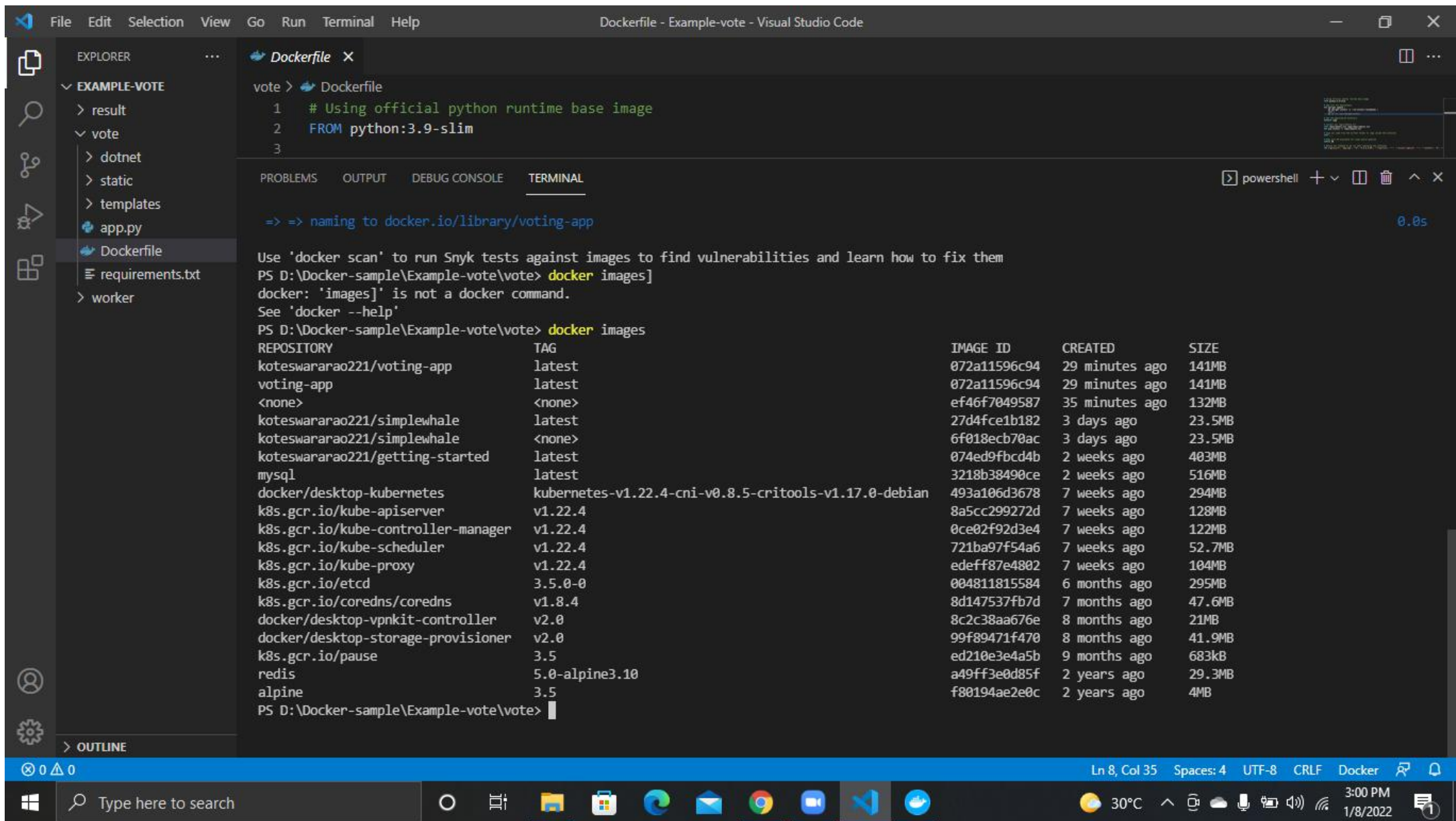
```
1 # Using official python runtime base image
2 FROM python:3.9-slim
3
```

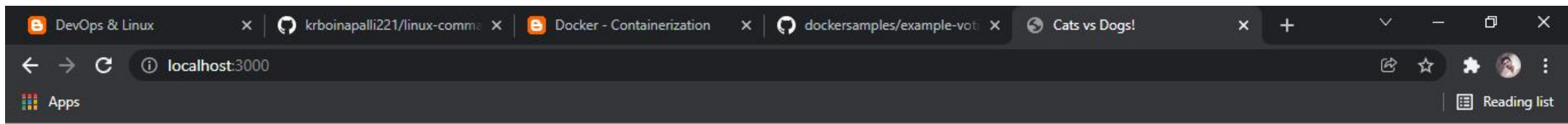
TERMINAL

```
PS D:\Docker-sample\Example-vote\vote> docker build . -t voting-app
[+] Building 5.9s (12/12) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 32B
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/python:3.9-slim
=> [auth] library/python:pull token for registry-1.docker.io
=> [1/6] FROM docker.io/library/python:3.9-slim@sha256:f4efbe5d1eb52c221fdd79ddf18e4baa0606e7766afe2f07b0b330a9e79564a
=> [internal] load build context
=> => transferring context: 1.68kB
=> CACHED [2/6] RUN apt-get update && apt-get install -y --no-install-recommends curl && rm -rf /var/lib/apt/lists/*
=> CACHED [3/6] WORKDIR /app
=> CACHED [4/6] COPY requirements.txt /app/requirements.txt
=> CACHED [5/6] RUN pip install -r requirements.txt
=> CACHED [6/6] COPY . .
=> exporting to image
=> => exporting layers
=> => writing image sha256:072a11596c94ea3218cfd38fc7550c32c54197e25f87a8bb53b446d9f953d1c
=> => naming to docker.io/library/voting-app

Use 'docker scan' to run Snyk tests against images to find vulnerabilities and learn how to fix them
PS D:\Docker-sample\Example-vote\vote>
```

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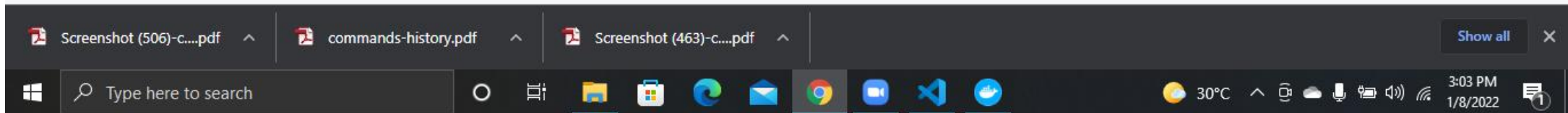
Cats vs Dogs!

CATS

DOGS

(Tip: you can change your vote)

Processed by container ID
03ec595c04ec



Visual Studio Code interface showing a Dockerfile and terminal output.

EXPLORER

- EXAMPLE-VOTE
 - result
 - vote
 - worker
 - .settings
 - dotnet
 - src
 - target
 - .classpath
 - .project
 - Dockerfile
 - Dockerfile.j
 - pom.xml

TERMINAL

```
vote > Dockerfile
1 # Using official python runtime base image
2 FROM python:3.9-slim
3

[2022-01-08 09:33:36 +0000] [9] [INFO] Worker exiting (pid: 9)
[2022-01-08 09:33:36 +0000] [1] [INFO] Shutting down: Master
PS D:\Docker-sample\Example-vote\vote> cd ..
PS D:\Docker-sample\Example-vote> cd worker
PS D:\Docker-sample\Example-vote\worker> docker build . -t worker-app
[+] Building 18.4s (5/14)
=> [internal] load build definition from Dockerfile 0.0s
=> => transferring dockerfile: 385B 0.0s
=> [internal] load .dockerignore 0.0s
=> => transferring context: 2B 0.0s
=> [internal] load metadata for mcr.microsoft.com/dotnet/core/runtime:3.1 2.5s
=> [internal] load metadata for mcr.microsoft.com/dotnet/core/sdk:3.1 2.5s
=> [internal] load build context 0.4s
=> => transferring context: 6.28kB 0.4s
=> [stage-1 1/3] FROM mcr.microsoft.com/dotnet/core/runtime:3.1@sha256:9b6bc3e984fc2040618d19cb21bd3ef947ab96bbc2e20fe0a546f2d260ed0bd7 15.8s
=> => resolve mcr.microsoft.com/dotnet/core/runtime:3.1@sha256:9b6bc3e984fc2040618d19cb21bd3ef947ab96bbc2e20fe0a546f2d260ed0bd7 0.0s
=> => sha256:9b6bc3e984fc2040618d19cb21bd3ef947ab96bbc2e20fe0a546f2d260ed0bd7 1.82kB / 1.82kB 0.0s
=> => sha256:f690a4eb01ccacaec118a417d944c8f020270630709c0ea806428cec55c6426b 1.16kB / 1.16kB 0.0s
=> => sha256:183178e24013b6a332a53da1d9e4d788cf178b23419f9fbedecf75c4f0abeab1 3.82kB / 3.82kB 0.0s
=> [builder 1/6] FROM mcr.microsoft.com/dotnet/core/sdk:3.1@sha256:9ddd8ebf26f01f89b52300bf6f2f3ee124ac50aa837a2602b8d7a8ebfbf5dfda 15.8s
=> => resolve mcr.microsoft.com/dotnet/core/sdk:3.1@sha256:9ddd8ebf26f01f89b52300bf6f2f3ee124ac50aa837a2602b8d7a8ebfbf5dfda 0.0s
=> => sha256:f1768746921f8ca53527fa4a38c28d51816bf5c5798a0e14596b16f19c02d769 1.80kB / 1.80kB 0.0s
=> => sha256:e192c0c19af652ce4d1094a2d29104af09a7297268c4aff967069b3b6ba01665 6.46kB / 6.46kB 0.0s
=> => sha256:b6013b3e77fe6fd3dcf46a05f8e5b3afa9fbca7ba0161c62e56beb4058334dec 7.83MB / 7.83MB 14.0s
=> => sha256:9ddd8ebf26f01f89b52300bf6f2f3ee124ac50aa837a2602b8d7a8ebfbf5dfda 1.82kB / 1.82kB 0.0s
=> => sha256:9b99af5931b39ce167150ad668cfa57ddf7664697be9996cb7e0e6aebbf05843 6.29MB / 50.44MB 15.8s
=> => sha256:bbced17b6899896c8e4016d62c885d737fe667acae2733e17c64bb974232887 10.00MB / 10.00MB 12.5s
=> => sha256:8b609dabefa83fae157bcd42123a8ed45199bb6c301e09a11260c1cad9babfef 1.05MB / 51.84MB 15.8s
=> => sha256:834a8dd075c04587ef6570a8af69ee8a8b36c96eb4bfda212f15170cfcc7db86 0B / 13.70MB 15.8s
```

STATUS BAR

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Taskbar

Windows taskbar showing search, task view, and various application icons.

FileEditSelectionViewGoRunTerminalHelp

Dockerfile - Example-vote - Visual Studio Code

EXPLORER

EXAMPLE-VOTE

result

vote

worker

.settings

dotnet

src

target

.classpath

.project

Dockerfile

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pom.xml

OUTLINE

Dockerfile

vote > Dockerfile

1 # Using official python runtime base image

2 FROM python:3.9-slim

3

PROBLEMS

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DEBUG CONSOLE

TERMINAL

=> => sha256:e192c0c19af652ce4d1094a2d29104af09a7297268c4aff967069b3b6ba01665 6.46kB / 6.46kB 0.0s

=> => sha256:b6013b3e77fe6fd3dcf46a05f8e5b3afa9fbca7ba0161c62e56beb4058334dec 7.83MB / 7.83MB 14.0s

=> => sha256:9ddd8ebf26f01f89b52300bf6f2f3ee124ac50aa837a2602b8d7a8ebfbf5dfda 1.82kB / 1.82kB 0.0s

=> => sha256:9b99af5931b39ce167150ad668cfa57ddf7664697be9996cb7e0e6aebbf05843 50.44MB / 50.44MB 232.1s

=> => sha256:bbced17b6899896c8e4016d62c885d737fe667acace2733e17c64bb974232887 10.00MB / 10.00MB 12.5s

=> => sha256:8b609dabefa83fae157bcd42123a8ed45199bb6c301e09a11260c1cad9babfef 51.84MB / 51.84MB 237.8s

=> => sha256:834a8dd075c04587ef6570a8af69ee8a8b36c96eb4bfda212f15170cfcc7db86 13.70MB / 13.70MB 41.8s

=> => sha256:ca0d09033281855513b039289d004a620e72c50da3adcefe00f3ab977438d748 124.02MB / 124.02MB 351.5s

=> => sha256:3b536344d331e64496351dcd5ae51fea10e81a739e9816855a7b1bf60d96f559 13.23MB / 13.23MB 251.2s

=> => extracting sha256:9b99af5931b39ce167150ad668cfa57ddf7664697be9996cb7e0e6aebbf05843 4.5s

=> => extracting sha256:b6013b3e77fe6fd3dcf46a05f8e5b3afa9fbca7ba0161c62e56beb4058334dec 0.5s

=> => extracting sha256:bbced17b6899896c8e4016d62c885d737fe667acace2733e17c64bb974232887 0.5s

=> => extracting sha256:8b609dabefa83fae157bcd42123a8ed45199bb6c301e09a11260c1cad9babfef 5.1s

=> => extracting sha256:834a8dd075c04587ef6570a8af69ee8a8b36c96eb4bfda212f15170cfcc7db86 0.9s

=> => extracting sha256:ca0d09033281855513b039289d004a620e72c50da3adcefe00f3ab977438d748 8.4s

=> => extracting sha256:3b536344d331e64496351dcd5ae51fea10e81a739e9816855a7b1bf60d96f559 0.9s

=> [stage-1 2/3] WORKDIR /app 0.4s

=> [builder 2/6] WORKDIR /Worker 5.2s

=> [builder 3/6] COPY src/Worker/Worker.csproj . 0.1s

=> [builder 4/6] RUN dotnet restore 15.8s

=> [builder 5/6] COPY src/Worker/. 0.1s

=> [builder 6/6] RUN dotnet publish -c Release -o /out Worker.csproj 6.4s

=> [stage-1 3/3] COPY --from=builder /out . 0.3s

=> exporting to image 0.2s

=> => exporting layers 0.2s

=> => writing image sha256:2b4bbff74d9e7329337f07ccd0ea927fff9522725cd5014ff7af38690799d82a 0.0s

=> => naming to docker.io/library/worker-app 0.0s

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

PS D:\Docker-sample\Example-vote\worker>

docker

powershell

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Dockerfile - Example-vote - Visual Studio Code

EXPLORER

EXAMPLE-VOTE

result

vote

worker

.settings

dotnet

src

target

.classpath

.project

Dockerfile

Dockerfile.j

pom.xml

OUTLINE

Dockerfile

vote > Dockerfile

1 # Using official python runtime base image

2 FROM python:3.9-slim

3

PROBLEMS

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DEBUG CONSOLE

TERMINAL

=> [builder 5/6] COPY src/Worker/ .

=> [builder 6/6] RUN dotnet publish -c Release -o /out Worker.csproj

=> [stage-1 3/3] COPY --from=builder /out .

=> exporting to image

=> => exporting layers

=> => writing image sha256:2b4bbff74d9e7329337f07ccd0ea927fff9522725cd5014ff7af38690799d82a

=> => naming to docker.io/library/worker-app

0.1s

6.4s

0.3s

0.2s

0.2s

0.0s

0.0s

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

PS D:\Docker-sample\Example-vote\worker> docker images

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
worker-app	latest	2b4bbff74d9e	39 seconds ago	193MB
voting-app	latest	072a11596c94	40 minutes ago	141MB
koteswararao221/simplewhale	latest	27d4fce1b182	3 days ago	23.5MB
koteswararao221/simplewhale	<none>	6f018ecb70ac	3 days ago	23.5MB
koteswararao221/getting-started	latest	074ed9fbcd4b	2 weeks ago	403MB
mysql	latest	3218b38490ce	2 weeks ago	516MB
docker/desktop-kubernetes	kubernetes-v1.22.4-cni-v0.8.5-critools-v1.17.0-debian	493a106d3678	7 weeks ago	294MB
k8s.gcr.io/kube-apiserver	v1.22.4	8a5cc299272d	7 weeks ago	128MB
k8s.gcr.io/kube-controller-manager	v1.22.4	0ce02f92d3e4	7 weeks ago	122MB
k8s.gcr.io/kube-scheduler	v1.22.4	721ba97f54a6	7 weeks ago	52.7MB
k8s.gcr.io/kube-proxy	v1.22.4	edeff87e4802	7 weeks ago	104MB
k8s.gcr.io/etcd	3.5.0-0	004811815584	6 months ago	295MB
k8s.gcr.io/coredns/coredns	v1.8.4	8d147537fb7d	7 months ago	47.6MB
docker/desktop-vpnkit-controller	v2.0	8c2c38aa676e	8 months ago	21MB
docker/desktop-storage-provisioner	v2.0	99f89471f470	8 months ago	41.9MB
k8s.gcr.io/pause	3.5	ed210e3e4a5b	9 months ago	683kB
redis	5.0-alpine3.10	a49ff3e0d85f	2 years ago	29.3MB
alpine	3.5	f80194ae2e0c	2 years ago	4MB

PS D:\Docker-sample\Example-vote\worker>

docker

powershell

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UTF-8

CRLF

Docker

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FileEditSelectionViewGoRunTerminalHelp

Dockerfile - Example-vote - Visual Studio Code

EXPLORER

EXAMPLE-VOTE

result

vote

worker

settings

dotnet

src

target

classpath

project

Dockerfile

Dockerfile.j

pom.xml

Dockerfile

vote > Dockerfile

1 # Using official python runtime base image

2 FROM python:3.9-slim

3

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

8d147537fb7d7 months ago47.6MB

8c2c38aa676e8 months ago21MB

99f89471f4708 months ago41.9MB

ed210e3e4a5b9 months ago683kB

a49ff3e0d85f2 years ago29.3MB

f80194ae2e0c2 years ago4MB

PS D:\Docker-sample\Example-vote\worker> cd ..

PS D:\Docker-sample\Example-vote> cd result

PS D:\Docker-sample\Example-vote\result> docker build . -t result-app

[+] Building 31.3s (6/15)

=> [internal] load build definition from Dockerfile0.5s

=> => transferring dockerfile: 682B0.4s

=> [internal] load .dockerignore0.4s

=> => transferring context: 55B0.3s

=> [internal] load metadata for docker.io/library/node:10-slim7.3s

=> [auth] library/node:pull token for registry-1.docker.io0.0s

=> https://github.com/krallin/tini/releases/download/v0.19.0/tini0.0s

=> [internal] load build context0.5s

=> => transferring context: 477.95kB0.5s

=> [1/9] FROM docker.io/library/node:10-slim@sha256:88932859e3d022d79161b99628c4c2c50e836437455e2d1b1a008d98367b10d623.3s

=> => resolve docker.io/library/node:10-slim@sha256:88932859e3d022d79161b99628c4c2c50e836437455e2d1b1a008d98367b10d60.1s

=> => sha256:88932859e3d022d79161b99628c4c2c50e836437455e2d1b1a008d98367b10d6776B / 776B0.0s

=> => sha256:64c30c91d628d40eb8f772ee1477f78aff820e317e8afbc5160857ee804e4b701.37kB / 1.37kB0.0s

=> => sha256:6fbcbb5c6032ce4013d4c736ffe54e0764c36fa14315ae54cb51f244e813c527.09kB / 7.09kB0.0s

=> => sha256:62deabe7a6db312ed773ccd640cd7c7fbf51c22bf466886345684558f1036e35816.78MB / 22.53MB23.3s

=> => sha256:bc29352cb629712e7fbce7227a16b53308b541ef41e19122a04c15646756b17613.63MB / 21.91MB23.3s

=> => sha256:f698164f6049bead44aeb7590e88d3df323011c20f0cedbfff3d86f62e4c9f1844.17kB / 4.17kB1.8s

=> => sha256:85e84b4c858fae373ccdf48432de781210efb7fd75d9d801be9917577fe6ca092.93MB / 2.93MB7.7s

=> => sha256:ac72e4359589952a2e38fbc10287d792cbb57f2ec3cd1eb730e9bab685ac9754295B / 295B10.9s

docker

powershell

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Dockerfile - Example-vote - Visual Studio Code

EXPLORER

EXAMPLE-VOTE

result

vote

worker

.settings

dotnet

src

target

.classpath

.project

Dockerfile

Dockerfile.j

pom.xml

Dockerfile

vote > Dockerfile

1 # Using official python runtime base image

2 FROM python:3.9-slim

3

PROBLEMS

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TERMINAL

=> [1/9] FROM docker.io/library/node:10-slim@sha256:88932859e3d022d79161b99628c4c2c50e836437455e2d1b1a008d98367b10d6 42.1s

=> => resolve docker.io/library/node:10-slim@sha256:88932859e3d022d79161b99628c4c2c50e836437455e2d1b1a008d98367b10d6 0.1s

=> => sha256:88932859e3d022d79161b99628c4c2c50e836437455e2d1b1a008d98367b10d6 776B / 776B 0.0s

=> => sha256:64c30c91d628d40eb8f772ee1477f78aff820e317e8afbc5160857ee804e4b70 1.37kB / 1.37kB 0.0s

=> => sha256:6fbcbbb5c6032ce4013d4c736ffe54e0764c36fa14315ae54cb51f244e813c52 7.09kB / 7.09kB 0.0s

=> => sha256:62deabe7a6db312ed773ccd640cd7c7bf51c22bf466886345684558f1036e358 22.53MB / 22.53MB 35.9s

=> => sha256:bc29352cb629712e7fbce7227a16b53308b541ef41e19122a04c15646756b176 21.91MB / 21.91MB 35.1s

=> => sha256:f698164f6049bead44aeb7590e88d3df323011c20f0cedbfff3d86f62e4c9f184 4.17kB / 4.17kB 1.8s

=> => sha256:85e84b4c858fae373ccdf48432de781210efb7fd75d9d801be9917577fe6ca09 2.93MB / 2.93MB 7.7s

=> => sha256:ac72e4359589952a2e38f8e10287d792cbb57f2ec3cd1eb730e9bab685ac9754 295B / 295B 10.9s

=> => extracting sha256:62deabe7a6db312ed773ccd640cd7c7bf51c22bf466886345684558f1036e358 2.0s

=> => extracting sha256:f698164f6049bead44aeb7590e88d3df323011c20f0cedbfff3d86f62e4c9f184 0.2s

=> => extracting sha256:bc29352cb629712e7fbce7227a16b53308b541ef41e19122a04c15646756b176 2.6s

=> => extracting sha256:85e84b4c858fae373ccdf48432de781210efb7fd75d9d801be9917577fe6ca09 0.3s

=> => extracting sha256:ac72e4359589952a2e38f8e10287d792cbb57f2ec3cd1eb730e9bab685ac9754 0.0s

=> [2/9] RUN apt-get update && apt-get install -y --no-install-recommends curl && rm -rf /var/lib/apt/lists/* 27.9s

=> [3/9] ADD https://github.com/krallin/tini/releases/download/v0.19.0/tini /tini 0.1s

=> [4/9] RUN chmod +x /tini 0.8s

=> [5/9] WORKDIR /app 0.1s

=> [6/9] RUN npm install -g nodemon 25.1s

=> [7/9] COPY package*.json ./ 0.1s

=> [8/9] RUN npm ci && npm cache clean --force && mv /app/node_modules /node_modules 7.3s

=> [9/9] COPY . . 0.1s

=> exporting to image 0.5s

=> => exporting layers 0.5s

=> => writing image sha256:e7e74c58393fdc2c94b11d7292fe29d320a36bb8c668dc4c4dd073ab69f073fa 0.0s

=> => naming to docker.io/library/result-app 0.0s

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

PS D:\Docker-sample\Example-vote\result>

000

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FileEditSelectionViewGoRunTerminalHelp

Dockerfile - Example-vote - Visual Studio Code

EXPLORER

EXAMPLE-VOTE

result

vote

worker

.settings

dotnet

src

target

.classpath

.project

Dockerfile

Dockerfile.j

pom.xml

OUTLINE

Dockerfile

vote > Dockerfile

1 # Using official python runtime base image

2 FROM python:3.9-slim

3

PROBLEMS

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DEBUG CONSOLE

TERMINAL

=> [8/9] RUN npm ci && npm cache clean --force && mv /app/node_modules /node_modules

=> [9/9] COPY . .

=> exporting to image

=> => exporting layers

=> => writing image sha256:e7e74c58393fdc2c94b11d7292fe29d320a36bb8c668dc4c4dd073ab69f073fa

=> => naming to docker.io/library/result-app

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

PS D:\Docker-sample\Example-vote\result> docker images

REPOSITORY	TAG	IMAGE ID	CREATED	SIZE
result-app	latest	e7e74c58393f	21 seconds ago	160MB
worker-app	latest	2b4bbff74d9e	3 minutes ago	193MB
voting-app	latest	072a11596c94	43 minutes ago	141MB
koteswararao221/simplewhale	latest	27d4fce1b182	3 days ago	23.5MB
koteswararao221/simplewhale	<none>	6f018ecb70ac	3 days ago	23.5MB
koteswararao221/getting-started	latest	074ed9fbcd4b	2 weeks ago	403MB
mysql	latest	3218b38490ce	2 weeks ago	516MB
docker/desktop-kubernetes	kubernetes-v1.22.4-cni-v0.8.5-critools-v1.17.0-debian	493a106d3678	7 weeks ago	294MB
k8s.gcr.io/kube-apiserver	v1.22.4	8a5cc299272d	7 weeks ago	128MB
k8s.gcr.io/kube-scheduler	v1.22.4	721ba97f54a6	7 weeks ago	52.7MB
k8s.gcr.io/kube-controller-manager	v1.22.4	0ce02f92d3e4	7 weeks ago	122MB
k8s.gcr.io/kube-proxy	v1.22.4	edeff87e4802	7 weeks ago	104MB
k8s.gcr.io/etcd	3.5.0-0	004811815584	6 months ago	295MB
k8s.gcr.io/coredns/coredns	v1.8.4	8d147537fb7d	7 months ago	47.6MB
docker/desktop-vpnkit-controller	v2.0	8c2c38aa676e	8 months ago	21MB
docker/desktop-storage-provisioner	v2.0	99f89471f470	8 months ago	41.9MB
k8s.gcr.io/pause	3.5	ed210e3e4a5b	9 months ago	683kB
redis	5.0-alpine3.10	a49ff3e0d85f	2 years ago	29.3MB
alpine	3.5	f80194ae2e0c	2 years ago	4MB

PS D:\Docker-sample\Example-vote\result>

docker

powershell

Ln 8, Col 35 Spaces: 4 UTF-8 CRLF Docker

Type here to search

3:15 PM 1/8/2022

FileEditSelectionViewGoRunTerminalHelp

docker-compose.yml - Example-vote - Visual Studio Code

EXPLORER

EXAMPLE-VOTE

result

vote

worker

docker-compose.yml

docker-compose.yml

1version: "3"

2services:

3redis:

4image: redis

5db:

6image: postgres:9.4

7vote:

8image: voting-app

9ports:

10- 5000:80

11worker:

12image: worker-app

13result:

14image: result-app

15ports:

16- 5001:80

17

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

k8s.gcr.io/kube-controller-manager v1.22.4

k8s.gcr.io/kube-proxy v1.22.4

k8s.gcr.io/etcd 3.5.0-0

k8s.gcr.io/coredns/coredns v1.8.4

docker/desktop-vpnkit-controller v2.0

docker/desktop-storage-provisioner v2.0

k8s.gcr.io/pause 3.5

redis 5.0-alpine3.10

alpine 3.5

PS D:\Docker-sample\Example-vote\result>

000

Ln 17, Col 10 Spaces: 2 UTF-8 CRLF Compose

3:19 PM 1/8/2022

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3:19 PM 1/8/2022

docker

powershell

8d:

8c: Go beyond syntax highlighting for docker-compose.yml by installing the recommended extension.

99:

ed:

a4:

f8:

Install

Show Recommendations

File Edit Selection View Go Run Terminal Help

docker-compose.yml - Example-vote - Visual Studio Code

EXPLORER

EXAMPLE-VOTE

result

vote

worker

docker-compose.yml

docker-compose.yml

1 version: "3"

2 services:

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

docker/desktop-vpnkit-controller v2.0 8c2c38aa676e 8 months ago 21MB

docker/desktop-storage-provisioner v2.0 99f89471f470 8 months ago 41.9MB

k8s.gcr.io/pause 3.5 ed210e3e4a5b 9 months ago 683kB

redis 5.0-alpine3.10 a49ff3e0d85f 2 years ago 29.3MB

alpine 3.5 f80194ae2e0c 2 years ago 4MB

PS D:\Docker-sample\Example-vote\result> cd ..

PS D:\Docker-sample\Example-vote> docker-compose up

[+] Running 1/22

- redis Pulling 40.2s

- a2abf6c4d29d Already exists 0.0s

- c7a4e4382001 Waiting 27.4s

- 4044b9ba67c9 Pulling fs layer 27.4s

- c8388a79482f Waiting 27.4s

- 413c8bb60be2 Waiting 27.4s

- 1abfd3011519 Waiting 27.4s

- db Pulling 40.2s

- 619014d83c02 Extracting [=====>] 16.52MB/22.52MB 31.6s

- 7ec0fe6664f6 Download complete 31.6s

- 9ca7ba8f7764 Download complete 31.6s

- 9e1155d037e2 Download complete 31.6s

- febcfb7f8870 Download complete 31.6s

- 8c78c79412b5 Download complete 31.6s

- 5a35744405c5 Download complete 31.6s

- 27717922e067 Download complete 31.6s

- 36f0c5255550 Downloading [=====>] 11.29MB/53.62MB 31.6s

- dbf0a396f422 Download complete 31.6s

- ec4c06ea33e5 Download complete 31.6s

- e8dd33eba6d1 Download complete 31.6s

- 51c81b3b2c20 Download complete 31.6s

- 2a03dd76f5d7 Waiting 31.6s

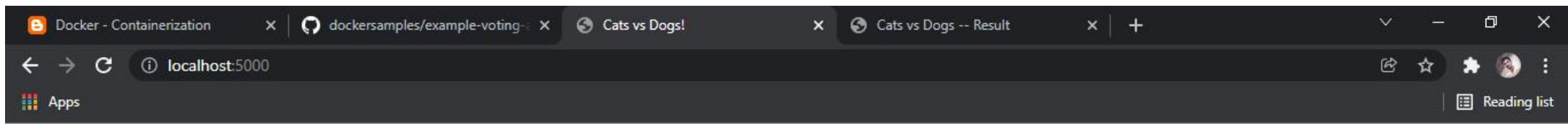
docker

powershell

0 0 0

Ln 17, Col 10 Spaces: 2 UTF-8 CRLF Compose

3:20 PM 1/8/2022



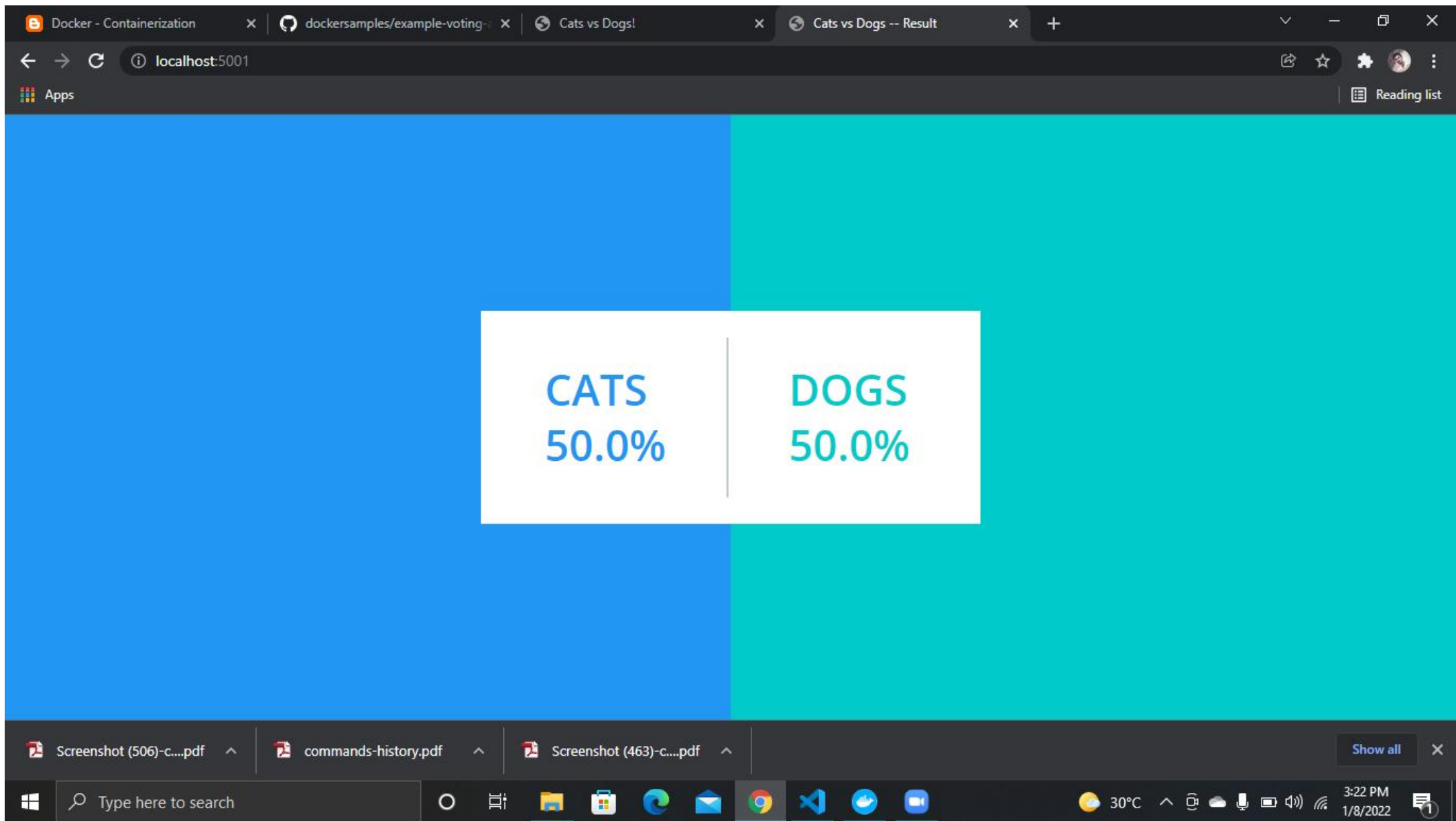
Cats vs Dogs!

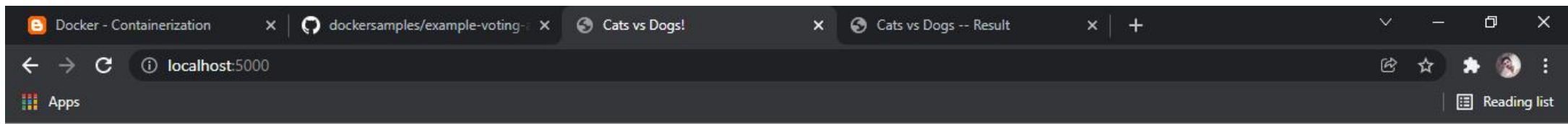
CATS

DOGS

(Tip: you can change your vote)

Processed by container ID
6287dfdb2cc6





Cats vs Dogs!

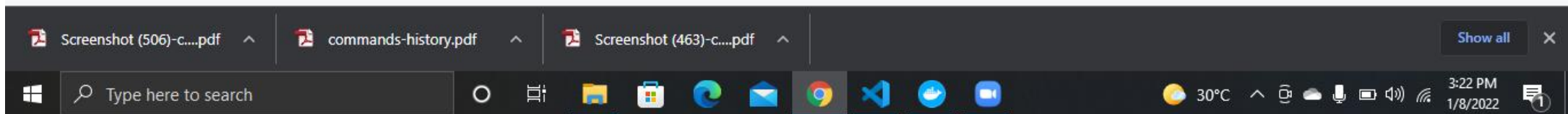
CATS



DOGS

(Tip: you can change your vote)

Processed by container ID
6287dfdb2cc6



Visual Studio Code interface showing a Docker Compose setup for an example vote application.

EXPLORER

- EXAMPLE-VOTE
 - result
 - vote
 - worker
 - docker-compose.yml

docker-compose.yml

```
1 version: "3"
2 services:
```

TERMINAL

```
worker_1 | at Worker.Program.Main(String[] args) in /Worker/Program.cs:line 19
worker_1 exited with code 1
vote_1 | 172.19.0.1 - - [08/Jan/2022:09:51:58 +0000] "GET / HTTP/1.1" 200 1285 "-" "Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.110 Safari/537.36"
vote_1 | 172.19.0.1 - - [08/Jan/2022:09:51:58 +0000] "GET /static/stylesheets/style.css HTTP/1.1" 200 0 "http://localhost:5000/" "Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.110 Safari/537.36"
vote_1 | 172.19.0.1 - - [08/Jan/2022:09:51:58 +0000] "GET /favicon.ico HTTP/1.1" 404 232 "http://localhost:5000/" "Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.110 Safari/537.36"
result_1 | Waiting for db
result_1 | Waiting for db
vote_1 | [2022-01-08 09:52:26,017] INFO in app: Received vote for a
vote_1 | [2022-01-08 09:52:26 +0000] [10] [INFO] Received vote for a
vote_1 | 172.19.0.1 - - [08/Jan/2022:09:52:26 +0000] "POST / HTTP/1.1" 200 1688 "http://localhost:5000/" "Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.110 Safari/537.36"
vote_1 | 172.19.0.1 - - [08/Jan/2022:09:52:26 +0000] "GET /static/stylesheets/style.css HTTP/1.1" 304 0 "http://localhost:5000/" "Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.110 Safari/537.36"
result_1 | Waiting for db
vote_1 | [2022-01-08 09:52:46,749] INFO in app: Received vote for b
vote_1 | [2022-01-08 09:52:46 +0000] [9] [INFO] Received vote for b
vote_1 | 172.19.0.1 - - [08/Jan/2022:09:52:46 +0000] "POST / HTTP/1.1" 200 1688 "http://localhost:5000/" "Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.110 Safari/537.36"
vote_1 | 172.19.0.1 - - [08/Jan/2022:09:52:46 +0000] "GET /static/stylesheets/style.css HTTP/1.1" 304 0 "http://localhost:5000/" "Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.110 Safari/537.36"
vote_1 | [2022-01-08 09:53:00,122] INFO in app: Received vote for a
vote_1 | [2022-01-08 09:53:00 +0000] [9] [INFO] Received vote for a
vote_1 | 172.19.0.1 - - [08/Jan/2022:09:53:00 +0000] "POST / HTTP/1.1" 200 1688 "http://localhost:5000/" "Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.110 Safari/537.36"
vote_1 | 172.19.0.1 - - [08/Jan/2022:09:53:00 +0000] "GET /static/stylesheets/style.css HTTP/1.1" 304 0 "http://localhost:5000/" "Mozilla/5.0 (Windows NT 10.0; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/96.0.4664.110 Safari/537.36"
result_1 | Waiting for db
```

STATUS BAR

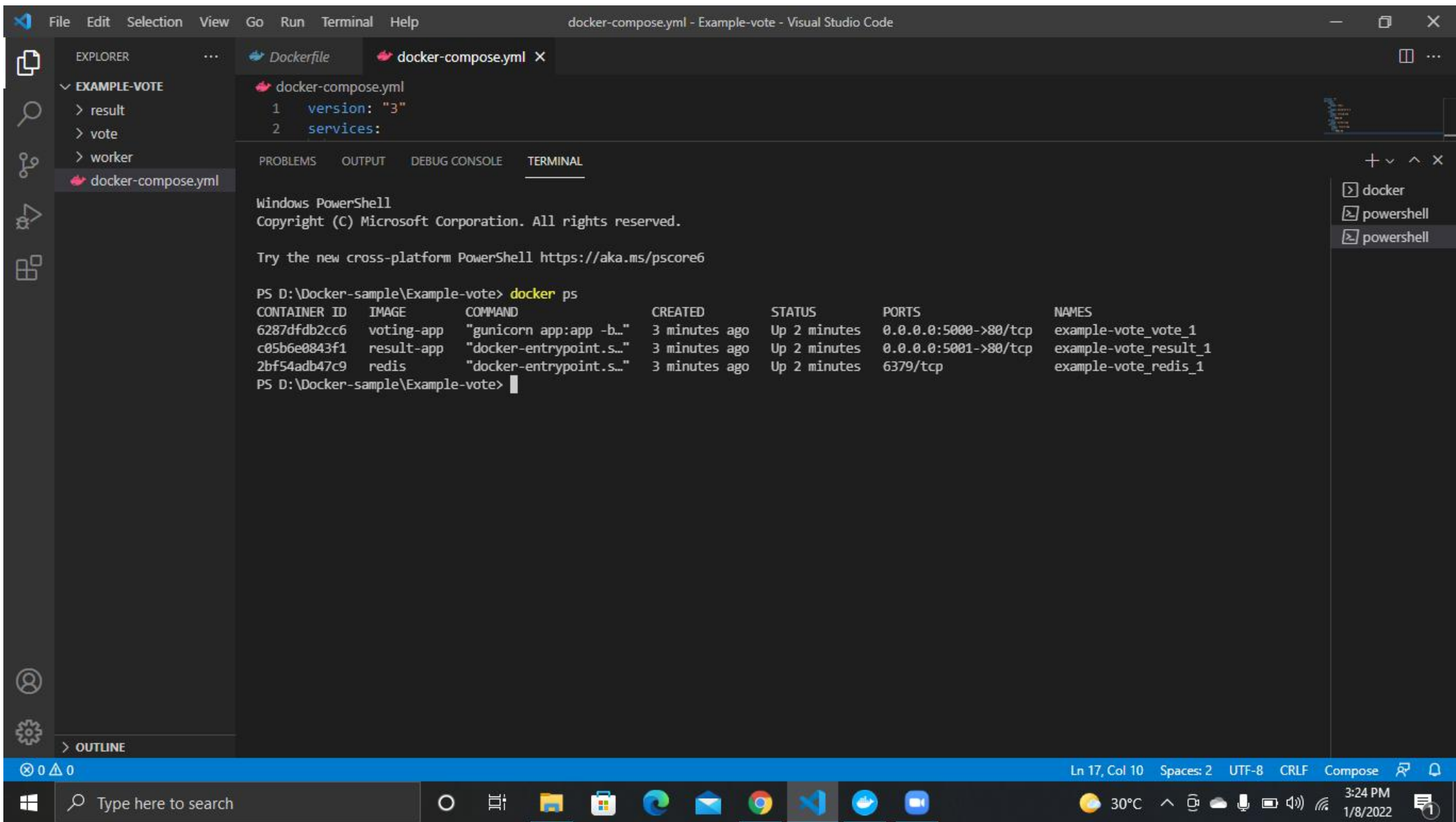
Ln 17, Col 10 Spaces: 2 UTF-8 CRLF Compose

Taskbar

Windows Start button, Search bar (Type here to search), Task View button, File Explorer, Visual Studio Code, Docker Desktop, and other background applications.

System Tray

Weather: 30°C, Date/Time: 3:23 PM 1/8/2022, Network and volume icons.



File Edit Selection View Go Run Terminal Help

docker-compose.yml - Example-vote - Visual Studio Code

EXPLORER

EXAMPLE-VOTE

> result

> vote

> worker

docker-compose.yml

docker-compose.yml

1 version: "3"

2 services:

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

mysql latest

docker/desktop-kubernetes kubernet

k8s.gcr.io/kube-apiserver v1.22.4

k8s.gcr.io/kube-controller-manager v1.22.4

k8s.gcr.io/kube-scheduler v1.22.4

k8s.gcr.io/kube-proxy v1.22.4

k8s.gcr.io/etcd 3.5.0-0

k8s.gcr.io/coredns/coredns v1.8.4

docker/desktop-vpnkit-controller v2.0

docker/desktop-storage-provisioner v2.0

k8s.gcr.io/pause 3.5

postgres 9.4

redis 5.0-alpine3.10

alpine 3.5

PS D:\Docker-sample\Example-vote> docker run postgres

Unable to find image 'postgres:latest' locally

latest: Pulling from library/postgres

a2abf6c4d29d: Already exists

e1769f49f910: Pull complete

33a59cfee47c: Pull complete

461b2090c345: Pull complete

8ed8ab6290ac: Pull complete

495e42c822a0: Pull complete

18e858c71c58: Pull complete

594792c80d5f: Pull complete

794976979956: Downloading [=====

eb5e1a73c3ca: Download complete

6d6360292cba: Download complete

131e916e1a28: Download complete

757a73507e2e: Download complete

3218b38490ce 2 weeks ago 516MB

493a106d3678 7 weeks ago 294MB

8a5cc299272d 7 weeks ago 128MB

0ce02f92d3e4 7 weeks ago 122MB

721ba97f54a6 7 weeks ago 52.7MB

edeff87e4802 7 weeks ago 104MB

004811815584 6 months ago 295MB

8d147537fb7d 7 months ago 47.6MB

8c2c38aa676e 8 months ago 21MB

99f89471f470 8 months ago 41.9MB

ed210e3e4a5b 9 months ago 683kB

ed5a45034282 23 months ago 251MB

a49ff3e0d85f 2 years ago 29.3MB

f80194ae2e0c 2 years ago 4MB

37.09MB/91.23MB

powerShell

powerShell

docker

0 0 0

Ln 17, Col 10 Spaces: 2 UTF-8 CRLF Compose

Type here to search

30°C 3:27 PM 1/8/2022

FileEditSelectionViewGoRunTerminalHelp

docker-compose.yml - Example-vote - Visual Studio Code

EXPLORER

EXAMPLE-VOTE

result

vote

worker

docker-compose.yml

docker-compose.yml

1 version: "3"

2 services:

3 redis:

4 image: redis

5 db:

6 image: postgres:9.4

7 environment:

8 POSTGRES_USER: postgres

9 POSTGRES_PASSWORD: postgres

10 vote:

11 image: voting-app

12 ports:

13 - 5000:80

14 worker:

15 image: worker-app

16 result:

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

redis_1 | 1:M 08 Jan 2022 09:55:30.435 * Saving the final RDB snapshot before exiting.

redis_1 | 1:M 08 Jan 2022 09:55:30.451 * DB saved on disk

redis_1 | 1:M 08 Jan 2022 09:55:30.451 # Redis is now ready to exit, bye bye...

vote_1 | [2022-01-08 09:55:30 +0000] [1] [INFO] Shutting down: Master

result_1 exited with code 143

redis_1 exited with code 0

vote_1 exited with code 0

PS D:\Docker-sample\Example-vote> docker-compose up

[+] Running 5/5

- Container example-vote_result_1 Created 0.0s

- Container example-vote_vote_1 Created 0.0s

- Container example-vote_worker_1 Created 0.0s

- Container example-vote_db_1 Recreated 0.5s

- Container example-vote_redis_1 Recreated 0.5s

Attaching to db_1, redis_1, result_1, vote_1, worker_1

docker-com...

powershell

powershell

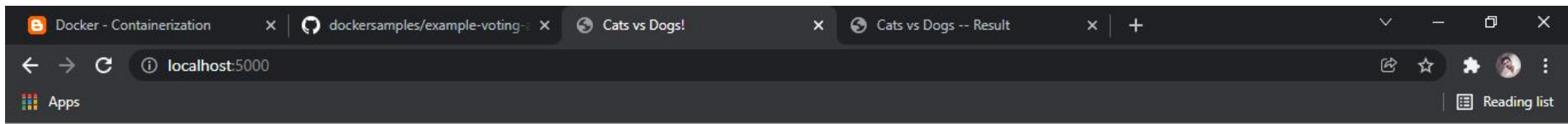
Ln 9, Col 37 Spaces: 2 UTF-8 CRLF Compose

0 0 0

Type here to search

30°C

3:35 PM 1/8/2022



Cats vs Dogs!

CATS ☒

DOGS ☐

(Tip: you can change your vote)

Processed by container ID
6287dfdb2cc6

