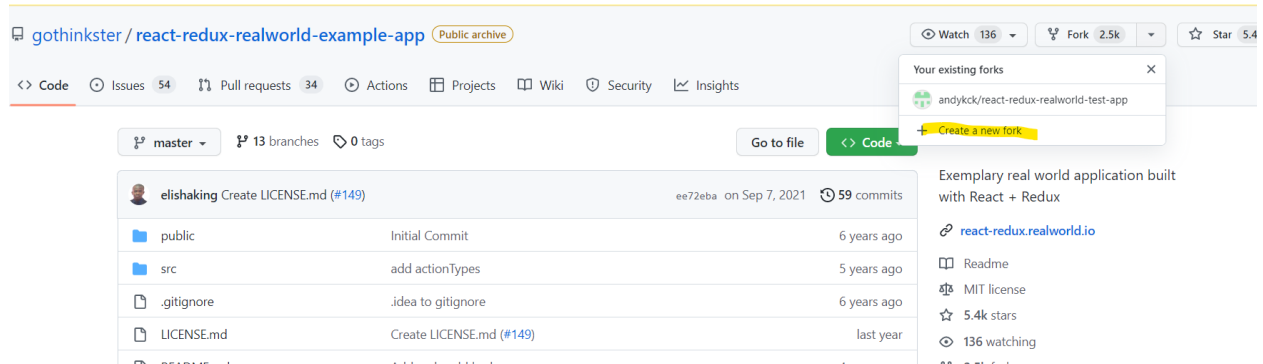


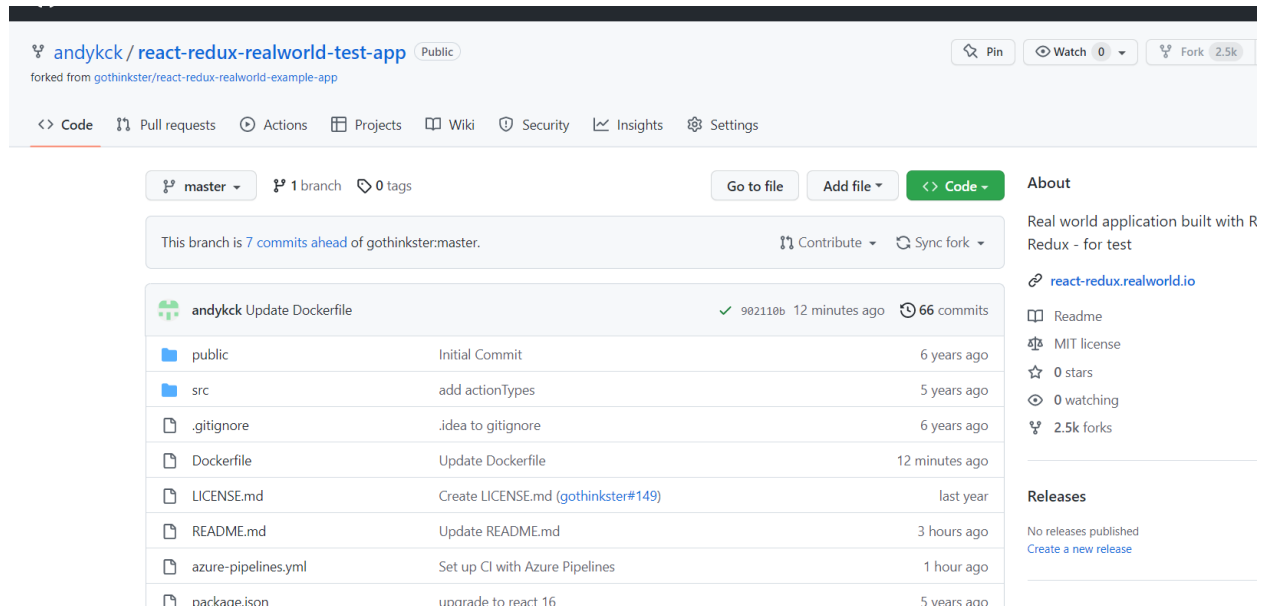
react-redux-realworld-test-app

Some screen shoots from my project that show the steps.

Find and fork example application from Github:



Application files and Git repo files after Fork:



Then create a Dockerfile for proper infrastructure:

```

Dockerfile > ...
You, 24 minutes ago | 1 author (You)
1 FROM node:16-alpine
2 WORKDIR /app
3 COPY . .
4 # ==== BUILD =====
5 # Install dependencies (npm ci makes sure the exact versions in the lockfile gets installed)
6 RUN npm i
7 # Build the app
8 RUN npm run build
9 # \\RUN//
10 # Set the env to "production"
11 ENV NODE_ENV production
12 # Expose the port on which the app will be running (3000 is the default that `serve` uses)
13 EXPOSE 3000
14 # Start the app
15 CMD [ "npm", "run", "build" ]
16

```

Github files cloned to local and show files by ls command:

```

PS C:\Users\New User\react-redux-realworld-test-app\react-redux-realworld-test-app> ls

Directory:

Mode                LastWriteTime         Length Name
----                -
d-----          2023-02-01 10:34 AM             public
d-----          2023-02-01 10:34 AM             src
-a---          2023-02-01 10:34 AM             200 .gitignore
-a---          2023-02-01 10:34 AM             508 Dockerfile
-a---          2023-02-01 10:34 AM            1089 LICENSE.md
-a---          2023-02-01 10:34 AM             871 package.json
-a---          2023-02-01 10:34 AM           72206 project-logo.png
-a---          2023-02-01 10:34 AM           4132 README.md

```

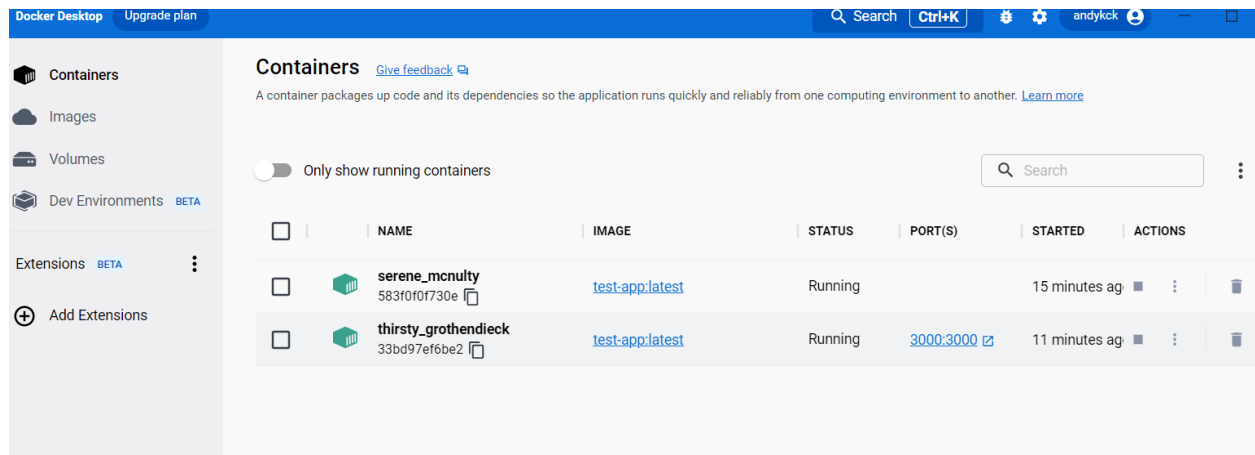
Building Docker first time:

```

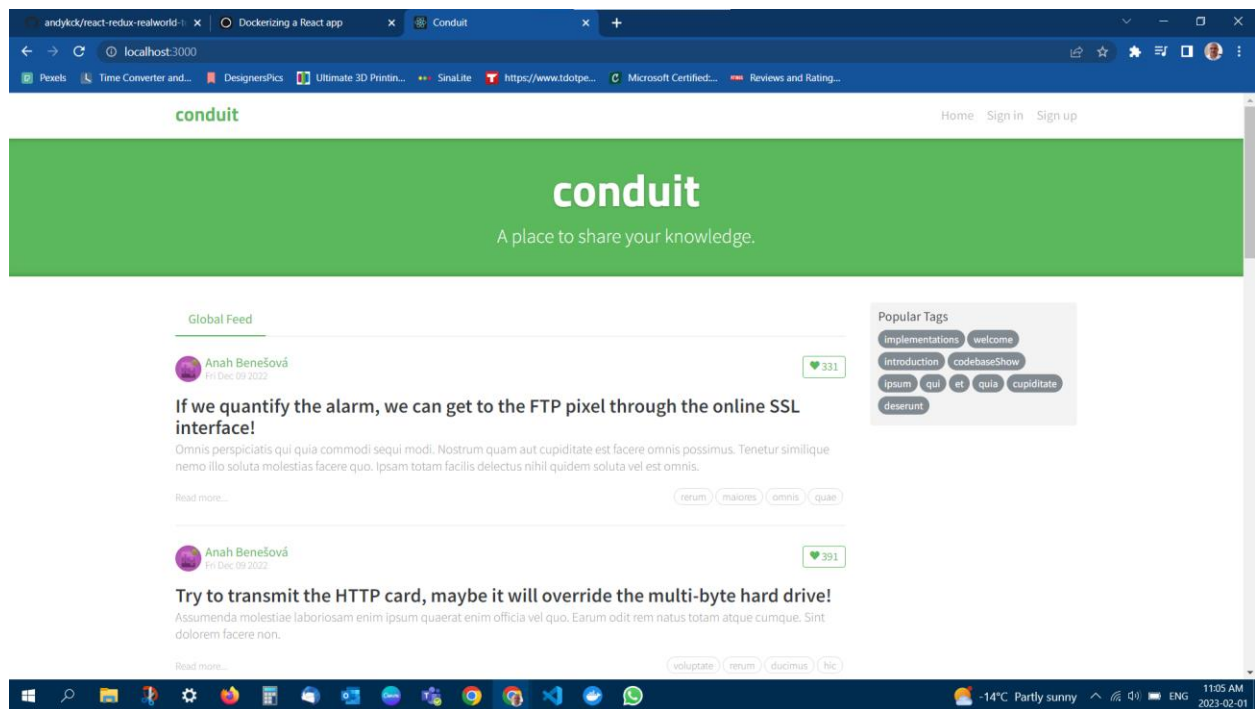
PS C:\Users\New User\react-redux-realworld-test-app\react-redux-realworld-test-app> docker build -t test-app .
[+] Building 73.1s (10/10) FINISHED
=> [internal] load build definition from Dockerfile
=> => transferring dockerfile: 470B
=> [internal] load .dockerignore
=> => transferring context: 2B
=> [internal] load metadata for docker.io/library/node:16-alpine
=> [internal] load build context
=> => transferring context: 4.52kB
=> [1/5] FROM docker.io/library/node:16-alpine@sha256:1298fd170c45954fec3d4d063437750f89802d72743816663664cfe9aa152b4b
=> CACHED [2/5] WORKDIR /app
=> [3/5] COPY . .
=> [4/5] RUN npm i
=> [5/5] RUN npm run build
=> exporting to image
=> => exporting layers
=> => writing image sha256:9026b58145e16819c23d07c39c7920fbf3e53ae3d17439f6483bd3c5b4cc5bc3
=> => naming to docker.io/library/test-app

```

Also, new container is on Docker Hub:



1st test on browser:



Now created new container registry on Azure portal

Azure

Search resources, services, and docs (G+)

andykucuk@deop.ca
DEORCA (DEORCA)

Azure services

Create a resource

Container registries

Azure DevOps organizations

Cost Management ...

Microsoft Defender for...

Virtual machines

Resource groups

All resources

Policy

More services

Resources

Recent Favorite

Name	Type	Last Viewed
mytest1container	Container registry	2 hours ago
NetworkWatcherRG	Resource group	2 hours ago

See all

Navigate

Create a new Pipeline with ner container registry and 1st build successfully:

Azure DevOps andykucuk / DevOps_Andy / Pipelines / andykck.react-redux-realwo... / 20230201.7

DevOps_Andy

Overview

Boards

Repos

Pipelines

Pipelines

Environments

Releases

Library

Task groups

Jobs in run #20230201.7

andykck.react-redux-realworld-test-app

Build and push stage

Job	Duration
Build	1m 54s
Initialize job	1s
Checkout andykck/react...	2s
Build and push an ...	1m 46s
Post-job: Checkout an...	<1s
Finalize Job	<1s

Build

```

1 Pool: Azure Pipelines
2 Image: ubuntu-latest
3 Queued: Today at 1:41 PM [manage_parallel_jobs]
4 Agent: Hosted Agent
5 Started: Just now
6 Duration: 1m 54s
7
8 The agent request is already running or has already completed.
9 Job preparation parameters
10 Job live console data:
11 Starting: Build
12 Finishing: Build
  
```

Pipelines

Recent All Runs

Filter pipelines

New pipeline

Recently run pipelines

Pipeline	Last run
andykck.react-redux-realworld-test-app	#20230201.7 • Update Dockerfile Manually triggered for master

4m ago
1m 58s