
Docker setup and Deployment Output Docs

18th July 2023

Output for Containerize an application – Part I and Part 2

```
Last login: Wed Jul  5 13:42:43 2023 from 89.100.141.145
vevaashgar@vevaashgar:~$ docker ps
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS        NAMES
vevaashgar@vevaashgar:~$ docker build -t getting-started .
[+] Building 0.3s (2/2) FINISHED
=> [internal] load build definition from Dockerfile                                0.1s
=> => transferring dockerfile: 2B                                                  0.0s
=> CANCELED [internal] load .dockerignore                                         0.2s
=> => transferring context:                                                         0.1s
ERROR: failed to solve: failed to read dockerfile: open /var/lib/docker/tmp/buildkit-mount2335385512/Dockerfile: no such file or directory
vevaashgar@vevaashgar:~$ cd getting-started/app
vevaashgar@vevaashgar:~/getting-started/app$ docker build -t getting-started .
[+] Building 0.6s (9/9) FINISHED
=> [internal] load build definition from Dockerfile                                0.0s
=> => transferring dockerfile: 150B                                                0.0s
=> [internal] load .dockerignore                                                    0.0s
=> => transferring context: 2B                                                      0.0s
=> [internal] load metadata for docker.io/library/node:18-alpine                  0.3s
=> [1/4] FROM docker.io/library/node:18-alpine@sha256:d5b2a7869a4016b1847986ea52098fa404421e44281bb7615a9e3615e07f37fb 0.0s
=> [internal] load build context                                                    0.1s
=> => transferring context: 2.54kB                                                  0.0s
=> CACHED [2/4] WORKDIR /app                                                        0.0s
=> CACHED [3/4] COPY . .                                                            0.0s
=> CACHED [4/4] RUN yarn install --production                                     0.0s
=> exporting to image                                                              0.0s
=> => exporting layers                                                            0.0s
=> => writing image sha256:ba34c36eba844f55bfa95dcb7763b791b67fc635e45f00f7c0d207de62d2170c 0.0s
=> => naming to docker.io/library/getting-started                                0.0s
vevaashgar@vevaashgar:~/getting-started/app$ docker run -dp 8080:3000 getting-started
2e01acb46f2c98f0f543a6c89ac6ee2e53d39d9e321d037bb011cc6241c53efb
vevaashgar@vevaashgar:~/getting-started/app$
```

Output for update the application – Part 3

```
vevaashgar@vevaashgar:~$ git pull
fatal: not a git repository (or any of the parent directories): .git
vevaashgar@vevaashgar:~$ cd getting-started/app
vevaashgar@vevaashgar:~/getting-started/app$ git pull
remote: Enumerating objects: 18, done.
remote: Counting objects: 100% (18/18), done.
remote: Compressing objects: 100% (12/12), done.
remote: Total 12 (delta 9), reused 0 (delta 0), pack-reused 0
Unpacking objects: 100% (12/12), 2.13 KiB | 121.00 KiB/s, done.
From github.com:vevaashgar/navaratnam
 208c3dd..3126c4f  main    -> origin/main
Updating 208c3dd..3126c4f
Fast-forward
 app/myfile.txt      | 3 ---
 app/src/static/js/app.js | 2 +-
 myfile.txt          | 8 -----
 3 files changed, 1 insertion(+), 12 deletions(-)
 delete mode 100644 app/myfile.txt
 delete mode 100644 myfile.txt
vevaashgar@vevaashgar:~/getting-started/app$
```

navaratnam / app / src / static / js / app.js

Code Blame 179 lines (163 loc) · 5.25 KB

```
14  function TodoListCard() {
43      item => {
44          const index = items.findIndex(i => i.id === item.id);
45          setItems([...items.slice(0, index), ...items.slice(index + 1)]);
46      },
47      [items],
48  );
49
50  if (items === null) return 'Loading...';
51
52  return (
53      <React.Fragment>
54          <AddItemForm onNewItem={onNewItem} />
55          {items.length === 0 && (
56              <p className="text-center">Hi This is Vevaash! Whats up!</p>
```

Add Item


Hi This is Vevaash! Whats up!


http://52.255.186.50:8080/

⚠ Not secure | 52.255.186.50:8080

shvath... Gmail YouTube Maps Calendar | Energy E... simply wallstreet Sign In - CAL Portal

Add Item

☐ Private Wealth Management 

☐ Unit Trust Investments 

```
vevaashgar@vevaashgar:~$ docker exec -it 5960dfdc6b7c mysql -p todos
Enter password:
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 11
Server version: 8.0.33 MySQL Community Server - GPL


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owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

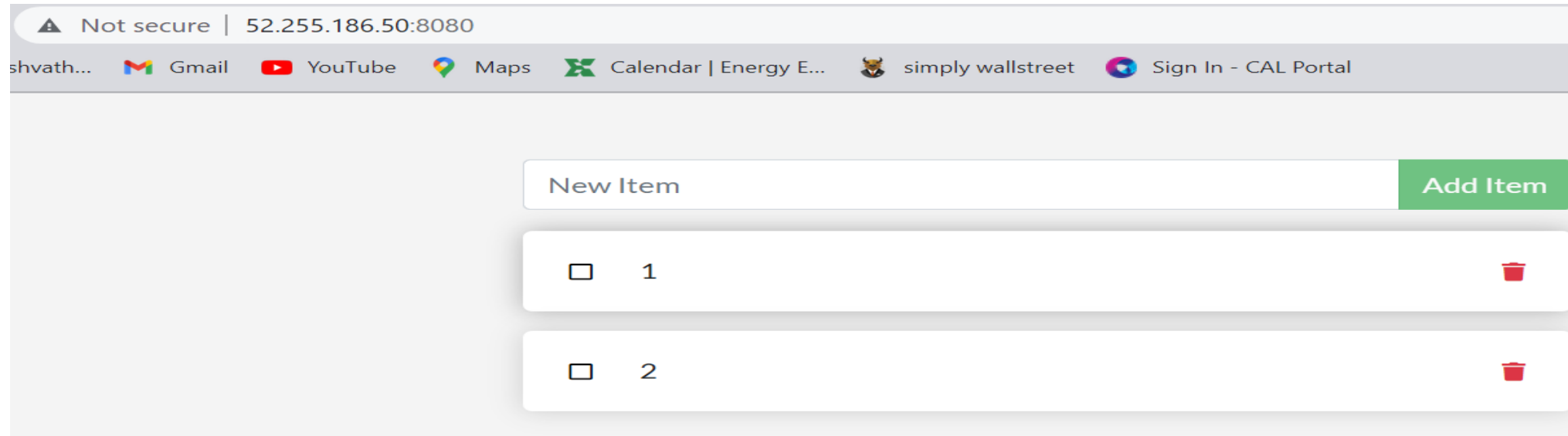
mysql> select * from todo_items;
+-----+-----+-----+
| id                | name | completed |
+-----+-----+-----+
| 66c5d232-d020-46fb-b382-c55cfc886999 | 1    |          0 |
| e78b25ed-9837-49ec-9432-8caf59f0a73a | 2    |          0 |
+-----+-----+-----+
2 rows in set (0.00 sec)
```

Add Item

☐ 1 

☐ 2 

Outputs of Docker Compose - Step 8



```
vevaashgar@vevaashgar:~/getting-started/app$ docker compose up -d
[+] Running 2/2
 ✓ Container app-mysql-1   Started                                0.7s
 ✓ Container app-app-1     Started                                0.7s
vevaashgar@vevaashgar:~/getting-started/app$ docker compose up -d
[+] Running 2/0
 ✓ Container app-mysql-1   Running                             0.0s
 ✓ Container app-app-1     Running                             0.0s
vevaashgar@vevaashgar:~/getting-started/app$ client_loop: send disconnect: Connection reset
```

```
Last login: Mon Jul 17 19:09:17 2023 from 89.100.141.145
vevaashgar@vevaashgar:~$ docker ps
CONTAINER ID   IMAGE          COMMAND                  CREATED        STATUS        PORTS                               NAMES
5960dfdc6b7c   mysql:8.0     "docker-entrypoint.s..." 17 hours ago  Up 17 hours  3306/tcp, 33060/tcp               app-mysql-1
9b9f25c57b97   node:18-alpine "docker-entrypoint.s..." 17 hours ago  Up 17 hours  0.0.0.0:8080->3000/tcp, :::8080->3000/tcp  app-app-1
```