

DOCKER TUTORIAL

Aim: To set Docker Environment in our system and getting started with it tutorial.

Procedure:-

- 1) ~~Open~~ Open CMD in type the below:
"docker run -d -p 80:80 docker/getting-started"
- 2) go to web browser and open "localhost" (127.0.0.1) and scroll down to zip file
- 3) Download and extract zip file, then create a file named Dockerfile inside the folder.
- 4) Add below to the file
From node:18-alpine
WORKDIR /app
COPY ..
RUN yarn install -production
CMD ["node", "src/index.js"]
- 5) Save and go to VScode terminal and write
"docker ~~build~~ build -t getting-started"
- 6) "docker run -d 3000:3000 getting-started"
to run the container
- 7) Now back to Browser → localhost:3000 (<https://127.0.0.1:3000/>)

By now we are able to run our tools - app image

8) To update the prompt

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Go to src/static/js/app.js in app update line 56

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Update the image by the command "docker build -t getting-started"

9) Create a Repo in Docker and login if needed.

- Click on Create Repository

- make it Public

- push the image by: "docker login -u shreyx124
add password & login"

- docker tag getting-started shreyx124/getting-started

9) Push image by: "docker push shreyx124/getting-started"

Result:

The above is a tutorial as to how to run the first docker container and push it for future pulls successfully.