54.14Jun. Containers & Apps(Multi Stage, Python Flask)

Wednesday, June 14, 2023 7:04 PM

Dockerfile -> Create custom docker Image Locally → Swarm → Orchest. → Compose → Malti Contain

Docker file FROM ___ ENTRY Point ["Program"] Multi Stage

> - Execute. Instruction Entrypoint ["mkdir"] CMD ["aa", "bb", "cc"]

Linux/Windows\$ mkdir aa bb cc

Dockerfile\$ Entrypoint ["mkdir"] Dockerfile\$ CMD ["aa","bb","cc"]

Linux/Windows\$ python app.py

Dockerfile\$ Entrypoint ["python"]
Dockerfile\$ CMD ["app.py"]

Linux/Windows\$ mvn clean install

Dockerfile\$ Entrypoint ["mvn"]
Dockerfile\$ CMD ["clean", "install"]

\$ nano app.py

\$ nano requirements.txt

from flask import Flask app = Flask(__name__)

@app.route('/') def hello(): return "Hello World!"

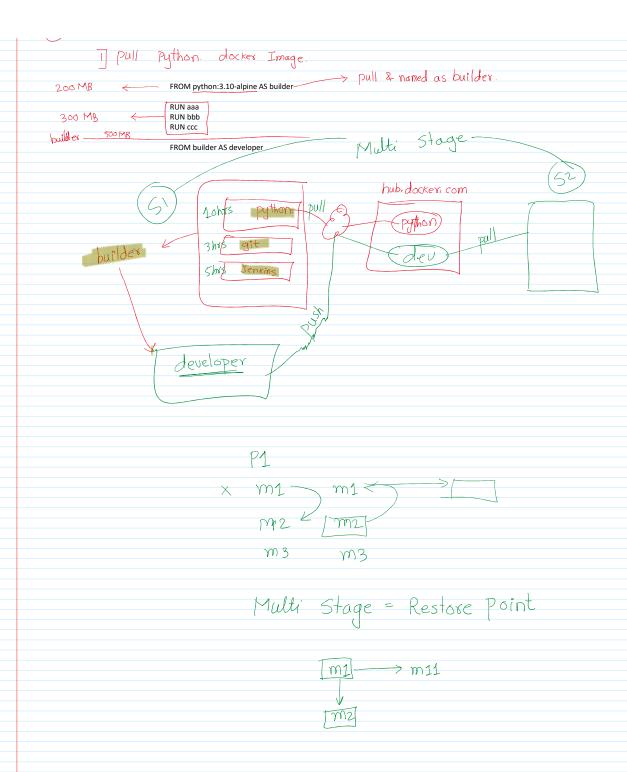
if __name__ == '__main__': app.run(host='0.0.0.0', port=8000)

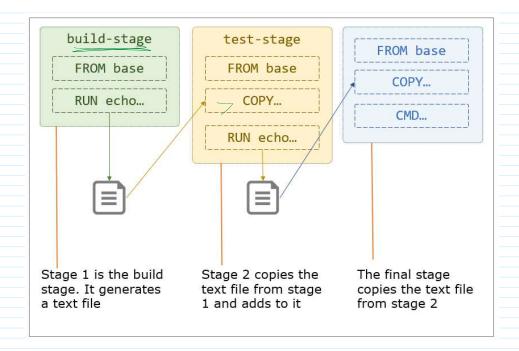


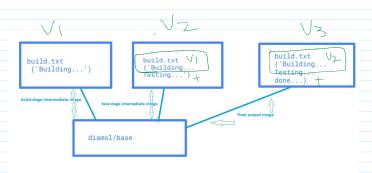
Dockerfile

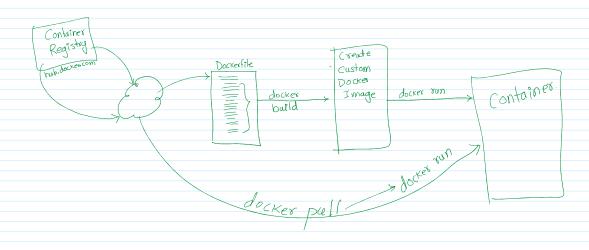
1 Pull Python. docker Image.

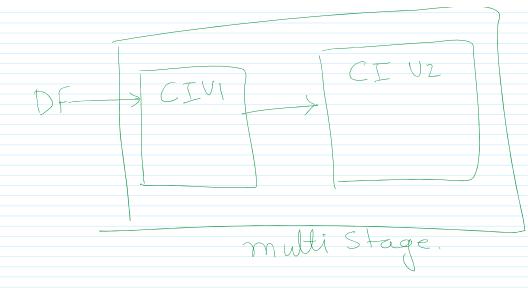
EDOM nuthon: 210 alaino AS huilder >> Pull & named as builder

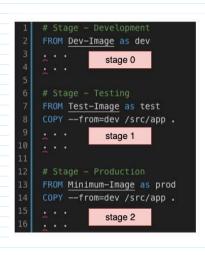


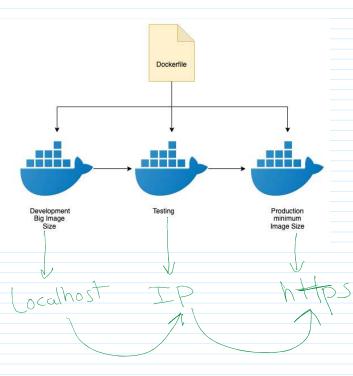












\$ ssh -i key URL

Ansible D/K85 AdHoc Imperative Command Control Ansible/185 docker / Jenkins Declarative Playbook

\$ docker pull ImageName:TagNumber \$ docker images

\$ docker rmi <image-id>

Dockerfile FROM python:3.10-alpine

FROM --platform=\$BUILDPLATFORM python:3.10-alpine AS builder

FROM --platform=\$BUILDPLATFORM python:3.10-alpine AS builder WORKDIR /app COPY requirements.txt /app RUN pip install -r requirements.txt COPY app.py /app ENTRYPOINT ["python3"] CMD ["app.py"]

FROM builder as dev-envs

RUN <<EOF apk update apk add git EOF RUN <<EOF addgroup -S docker adduser -S --shell /bin/bash --ingroup docker vscode EOF