

Dockerize

- 1) jar file
→ Proj folken
- \$ mvn clean package
→ exp. jar file
/ target folder.

Dockerfile

dependencies .

```

1 FROM openjdk:8
2
3 EXPOSE 8761
4
5 ADD /target/eureka-server-0.1.jar eureka-server.jar
6
7 ENTRYPOINT ["java", "-jar", "eureka-server.jar"]
  
```

← copy jar file into docker space.
command to run

create docker image

proj folder → docker build -t eureka-server:0.1 =
eureka folder.

run .

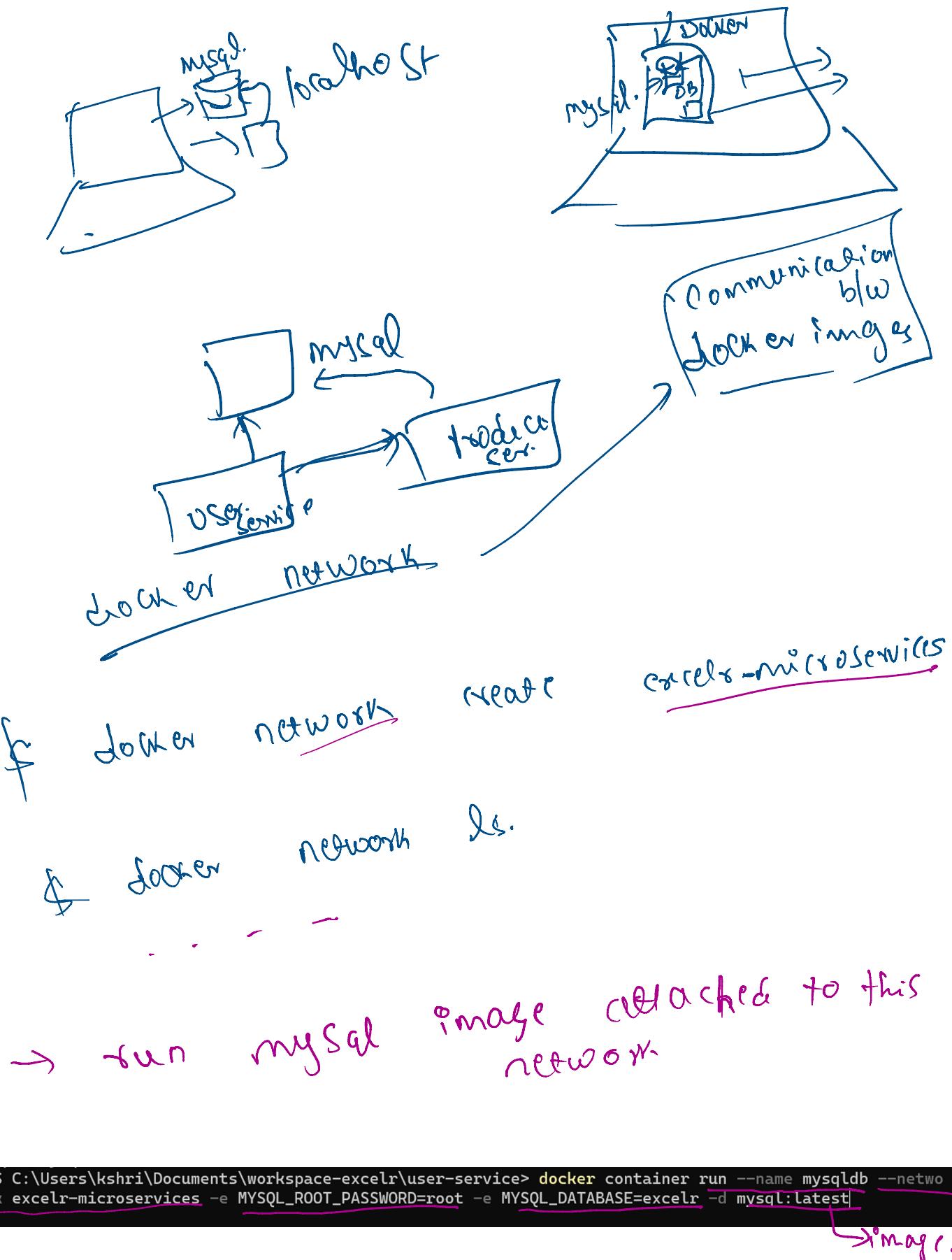
> docker run -p 8761:8761

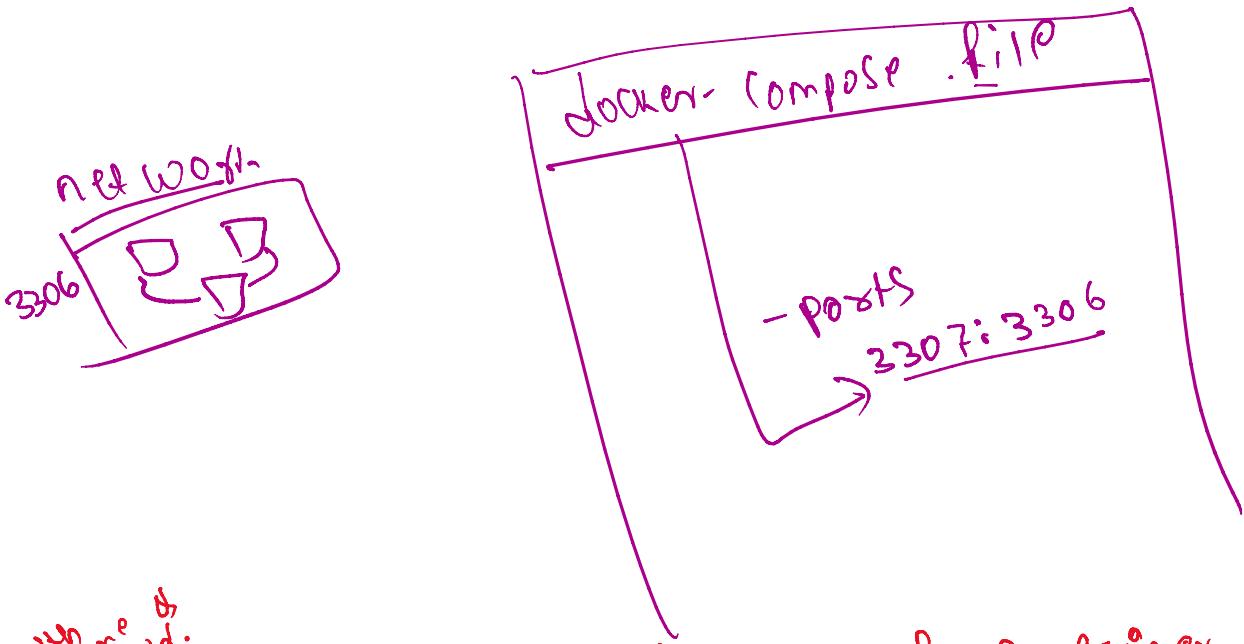
eureka-server:0.1



mysql

→ docker pull mysql





Log in with username & pwd.

i) To get into MySQL prompt of Container running MySQL.

```
PS C:\Users\kshri\Documents\workspace-excelr\user-service> docker exec -it mysqlDb bash
bash-4.4# mysql -u root -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
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.

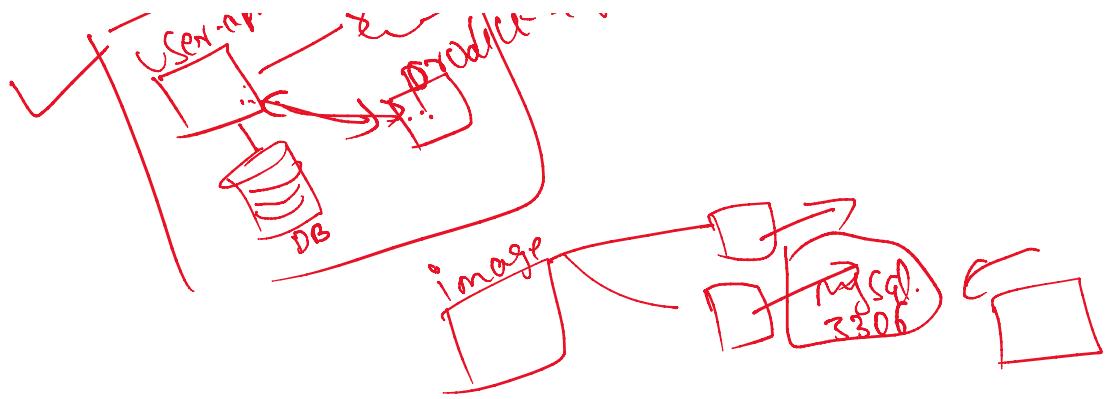
mysql> show databases;
+-----+
| Database |
+-----+
| excelr |
| information_schema |
| mysql |
| performance_schema |
| sys |
+-----+
5 rows in set (0.01 sec)
```

name of container.

application.

\$ docker compose up

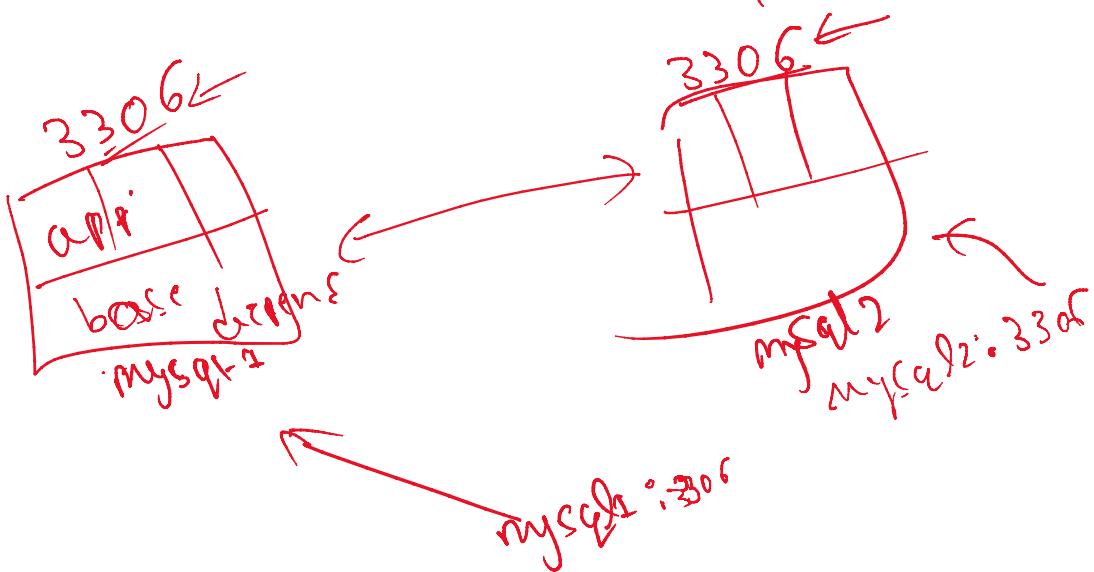




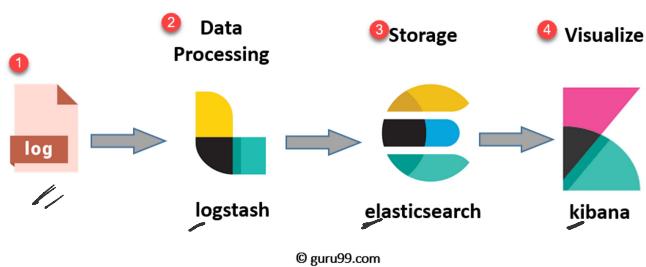
Kubernetes:

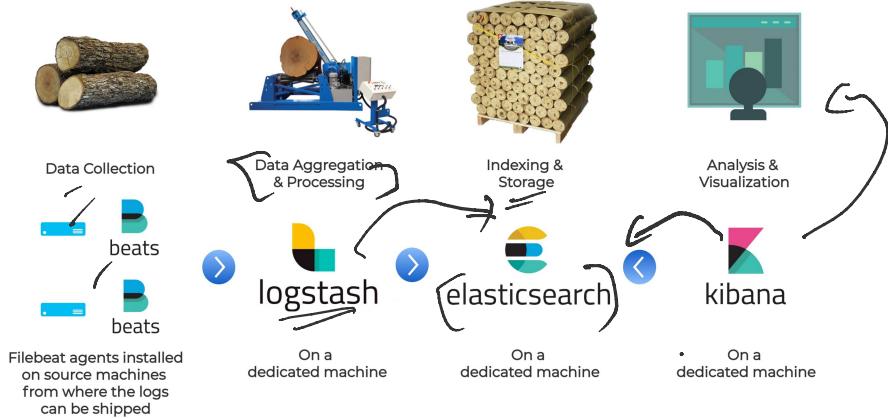
↳ Container orchestration tool.

→ define / deploy multiple "Pods"



ELK Stack





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Prometheus → metrics

