

# ① docker

Win  
Linux  
Macos

docker-desktop

- Oracle SQL
- Microsoft SQL
- MySQL
- ▶ PostgreSQL

SQL'92

noSQL

<https://hub.docker.com>

```
Project ▾
  ▾ fs-10-online ~/dev/danit/fs-10-c
    > .idea
    ▾ docker
      docker-compose.yaml
    > java-basic
    ▾ java-web
      > slides
      ▾ src
        ▾ main
          ▾ java

docker-compose.yaml x
1  version: '3.3'
2
3  >> ▾ services:
4  >> ▾ postgres96:
5  5  image: postgres:9.6
6  6  restart: unless-stopped
7  7  environment:
8  8  POSTGRES_USER: 'postgres'
9  9  POSTGRES_PASSWORD: 'pg123456'
10 10 ports:
11 11 - "5432:5432"
12 12 container_name: pg_2
```



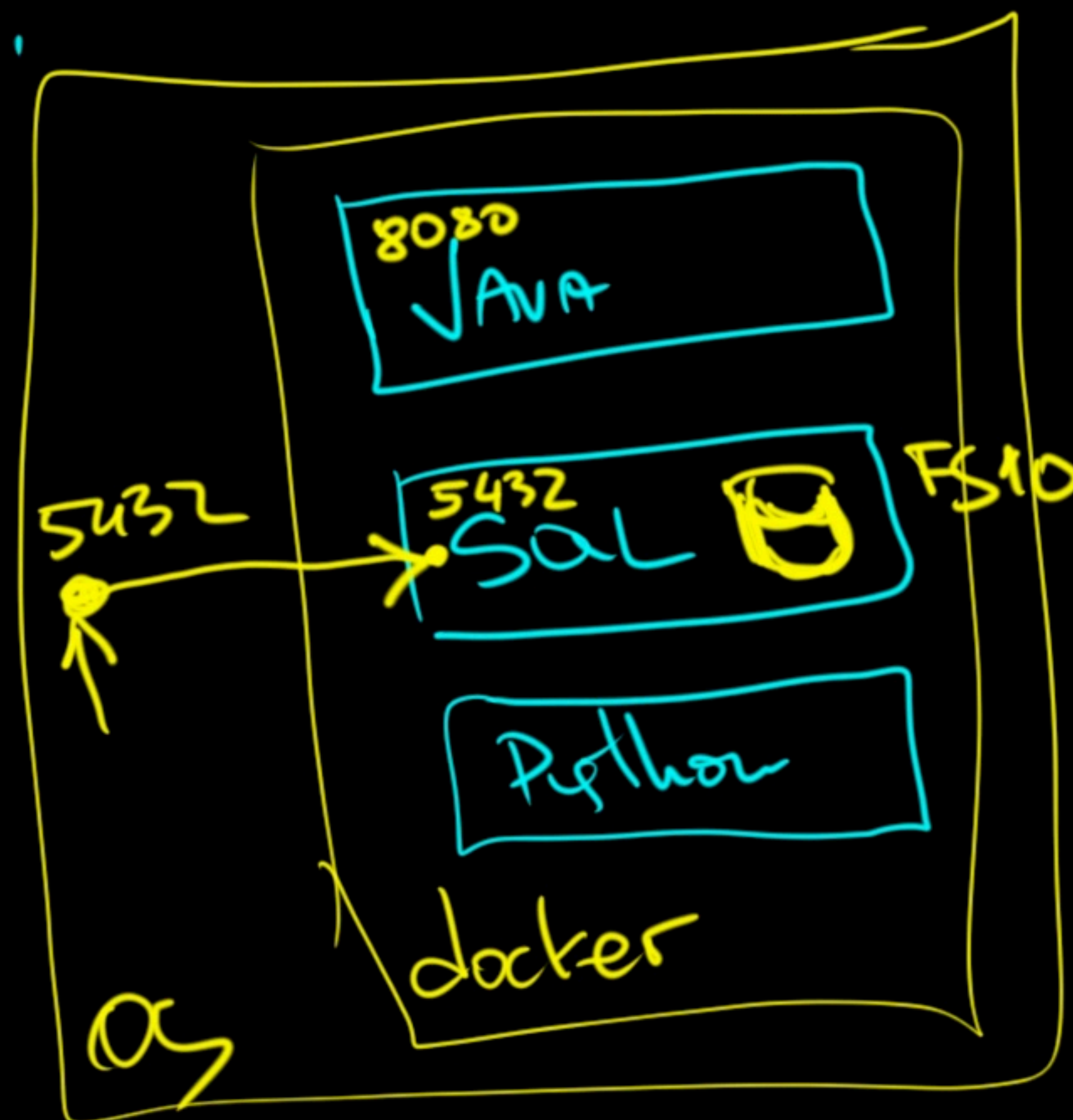
URL:

jdbc:postgresql://localhost:5432/fs10

protocol

http://localhost:8080/calcd?x=5

address port resource\_id param



id

DAO(A)

CRUD

create ✓

update ✓

read 99%

delete ✓

id	
id5	
id6	
id7	

+ SORT  
+ PAGE

STUDENT



name	dob
Jim	1973
Alex	1976
Jim	1973

id	name	dob
1	Jim	1973
2	Alex	1976
2	Alex	1976

id	name	dob
1	Jim	1973
2	Alex	1976
3	Alex	1976

id	name	dob
1	Jim	1973
2	Alex	1976
3	Alex	1976
3	Alex	1976