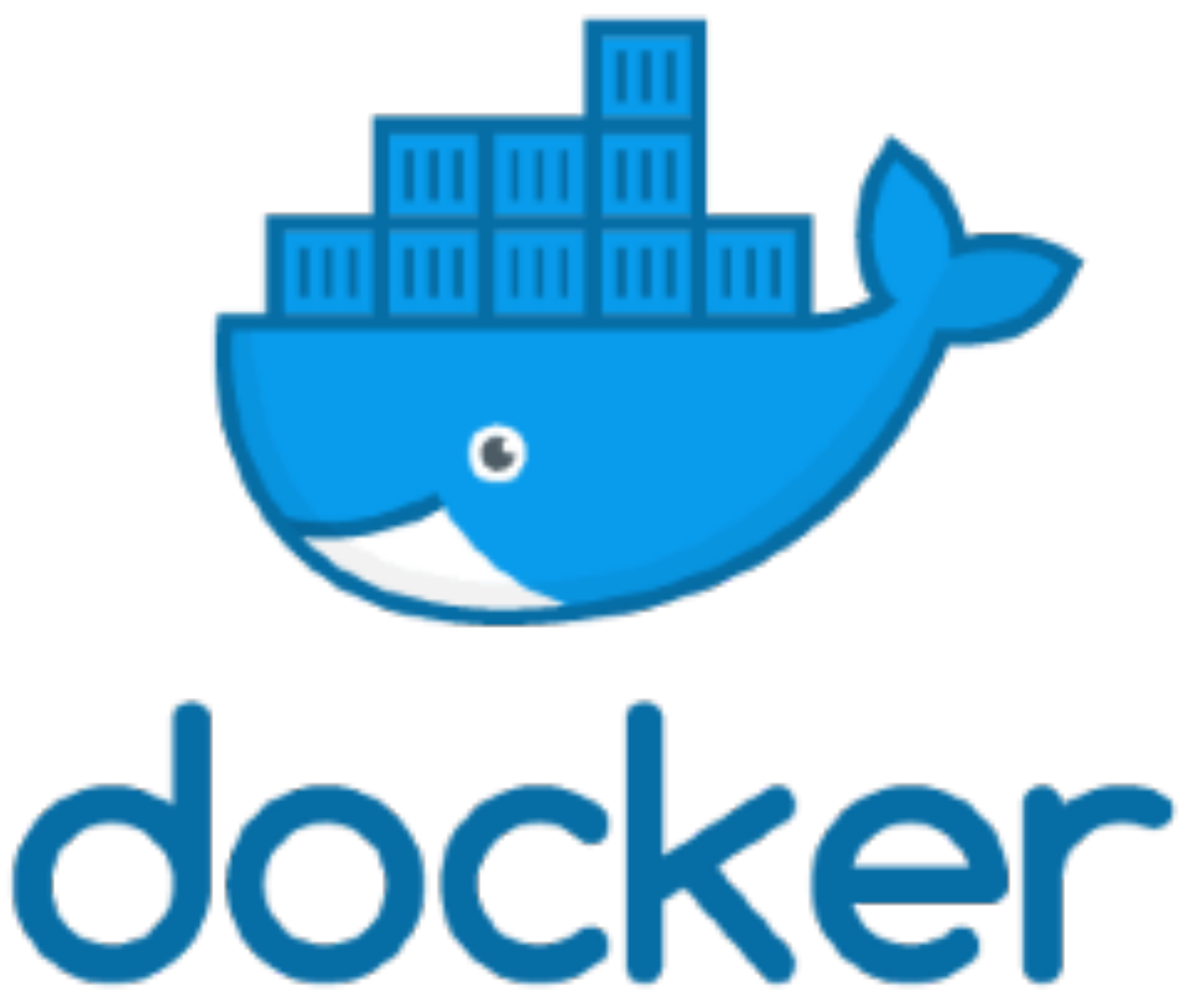
```yaml
version: '3'
services:

  psiturk:
    container_name: my-experiment
    build: .
    volumes:
      - ./exp:/exp
    tty: true
    stdin_open: true
    restart: unless-stopped

  nginx:
    container_name: my-experiment-nginx
    image: nginx:latest
    ports:
      - 80:80
    volumes:
      - ./exp:/var/www/exp:ro
      - ./default.conf:/etc/nginx/conf.d/default.conf
    restart: unless-stopped

  db:
    container_name: my-experiment-db
    image: mysql:5.7
    volumes:
      - ./data/db:/var/lib/mysql
    environment:
      MYSQL_ROOT_PASSWORD: mypassword
      MYSQL_DATABASE: participants
      MYSQL_USER: paxton
      MYSQL_PASSWORD: psiturk
    restart: unless-stopped

  adminer:
    container_name: my-experiment-adminer
    image: adminer:latest
    ports:
      - 127.0.0.1:8080:8080
```


docker

Container 3: **MySQL database**

(greater concurrency than default SQLite DB)

docker-compose.yml

- Pull the `mysql:5.7` image from Docker Hub

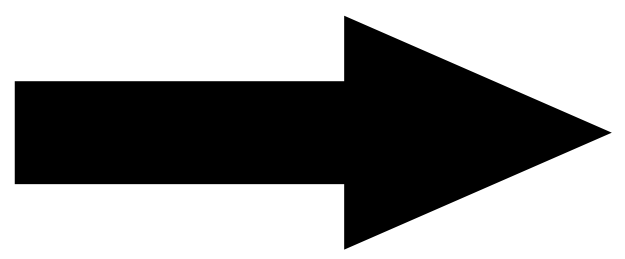
- Mount `data/db` directory on host to `/var/lib/mysql` in container

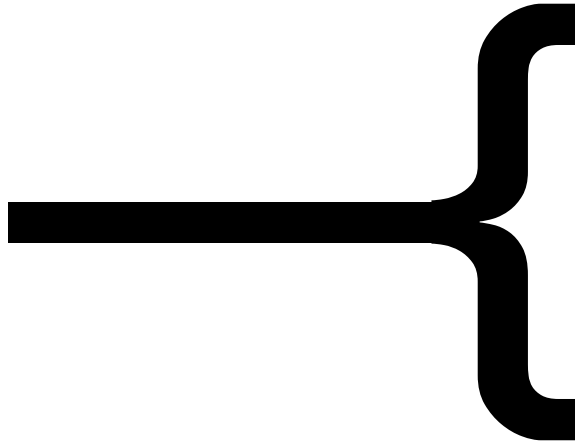
- Set container environment variables:

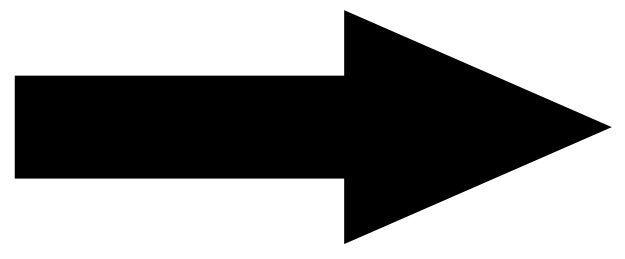
- Password for MySQL `root` user (required)

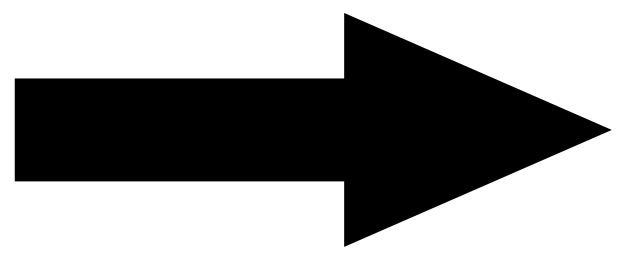
- Name of DB created in the container

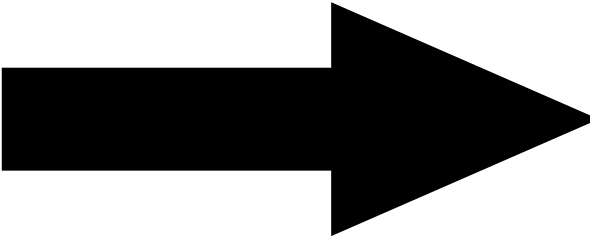
- Username/password for psiTurk to write to DB

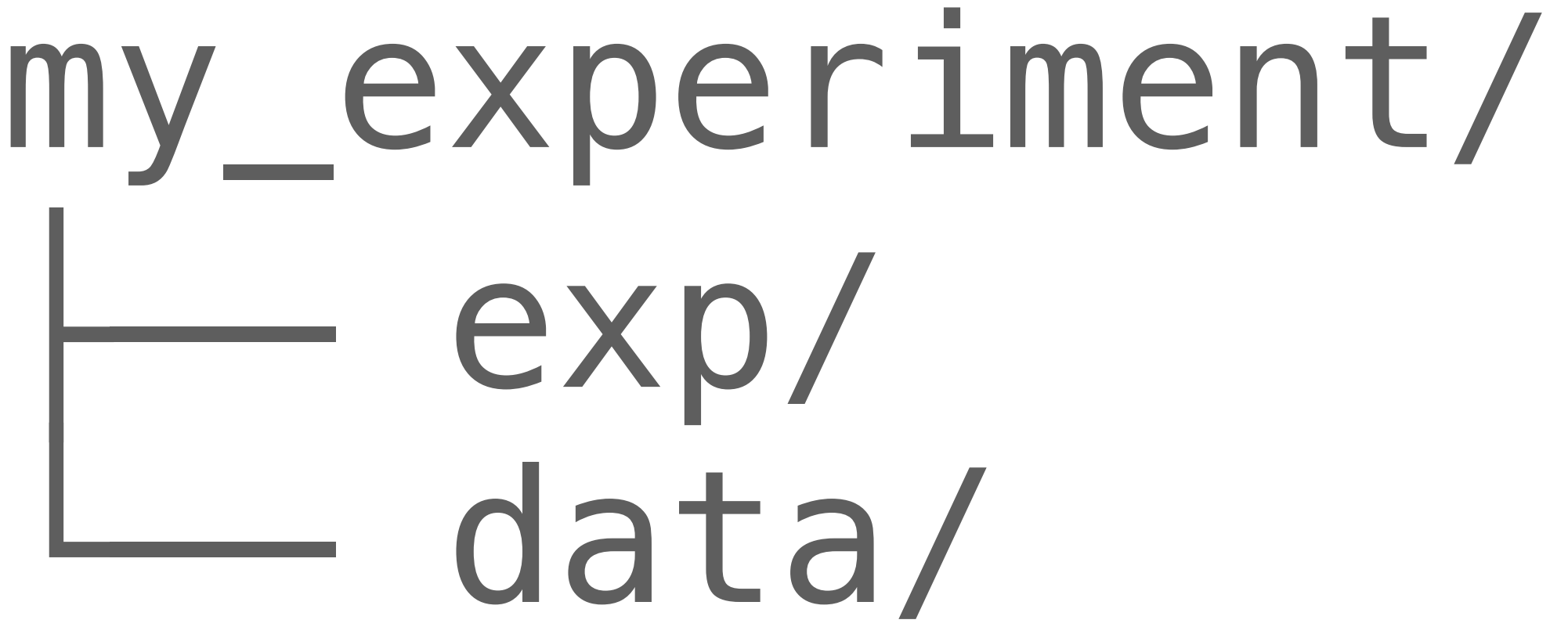











my_experiment/
exp/
data/

Container 3: MySQL database

(greater concurrency than default SQLite DB)

Container 4: **Adminer**

(PHP app for viewing/downloading data)

- Mount `data/db` directory on host to

/var/lib/mysql in container

DB

- Username/password for psiTurk to write to

my_experiment/

exp/

data/