



```
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
```

Container 3: MySQL database

(greater concurrency than default SQLite DB)

• Pull the mysq1:5.7 image from Docker Hub

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

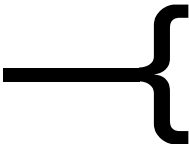
Set container environment variables:

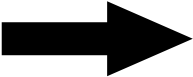
• Password for MySQL root user (required)

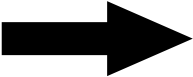
• Name of DB created in the container

- Username/password for psiTurk to write to DB











Behavioral experiments in Docker

docker-compose.yml

Container 3: MySQL database

(greater concurrency than default SQLite DB)

Container 4: Adminer

(PHP for viewing/downloading data)

• Mount data // db directory on host to

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*/var/lib/mysql/*incidentainer

• Username/password for iTurk to write to

