



```
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 4: Adminer

(PHP app for viewing/downloading data)

docker-compose.yml

- Pull the `admirer:latest` image from Docker Hub

- Map host port 8080 to container port 8080
(allows us to access Adminer via a web browser)





my_experiment/
└─ exp/
 └─ data/

(PHP for viewing/downloading data)

Container 4: Adminer

Doorknob

(allows to access Admin via a web

browser)

• Pull the adminer:latest image from

- Map host port 8080 to container port 8080

my experience

L=

data/



exp/



```
version: '3'
```

```
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```

```
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```
    container_name: my-experiment
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    build: .
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    volumes:
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    tty: true
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    restart: unless-stopped
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  nginx:
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```
    container_name: my-experiment-nginx
```

```
    image: nginx:latest
```

```
    ports:
```

```
      - 80:80
```

```
    volumes:
```

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      - ./exp:/var/www/exp:ro
```

```
      - ./default.conf:/etc/nginx/conf.d/default.conf
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    restart: unless-stopped
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```
  db:
```

```
    container_name: my-experiment-db
```

```
    image: mysql:5.7
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```
    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
```