Report

Configuration

Either:

- In the root directory:

```
sudo docker build -t deanery-server .
sudo docker run -e SET_TYPE=<SET_TYPE> -p 8080:8080 deanery-server:latest
```

where <SET_TYPE> is either "lazy" or "non-blocking"

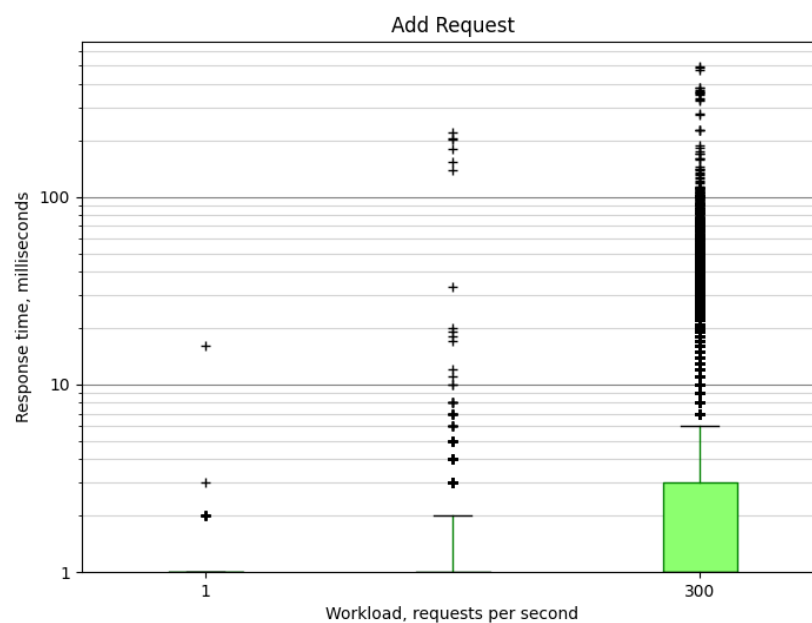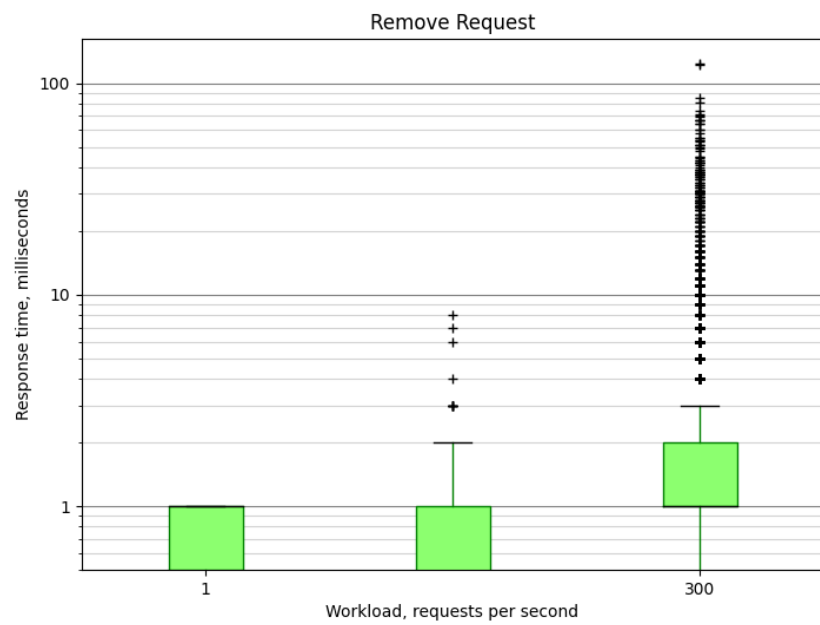- In the root directory:

```
sudo ./gradlew :server:buildImage
sudo docker load < server/build/jib-image.tar
sudo docker run -e SET_TYPE=<SET_TYPE> -p 8080:8080 deanery-server:latest
```
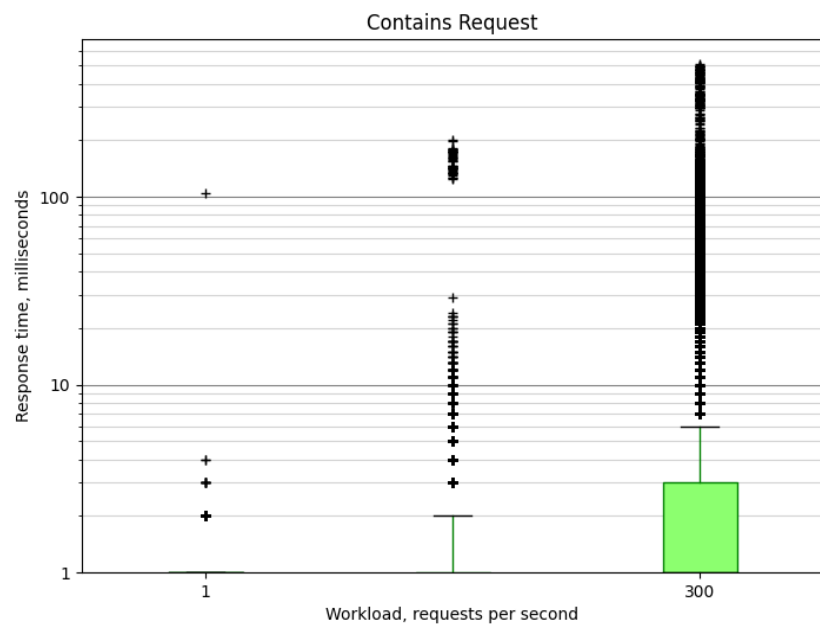
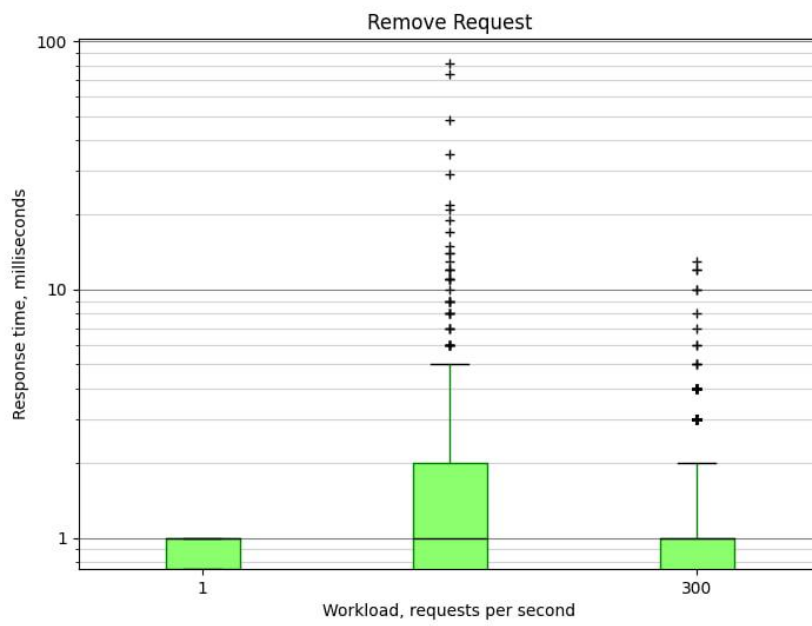where <SET_TYPE> is either "lazy" or "non-blocking"

Lazy Set (1, 50, 300)

Contains Request

Remove Request

Non-Blocking Set (1, 50, 300)

Add Request

Contains Request

Remove Request
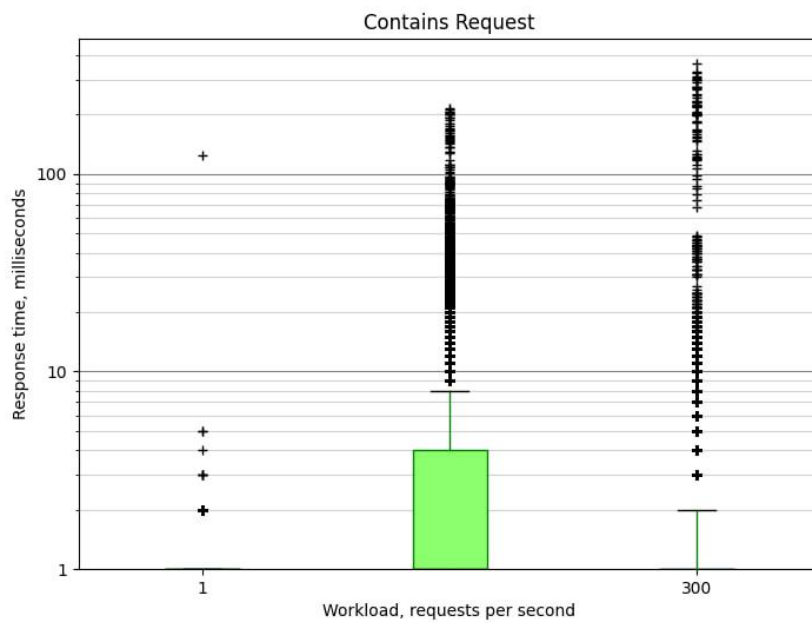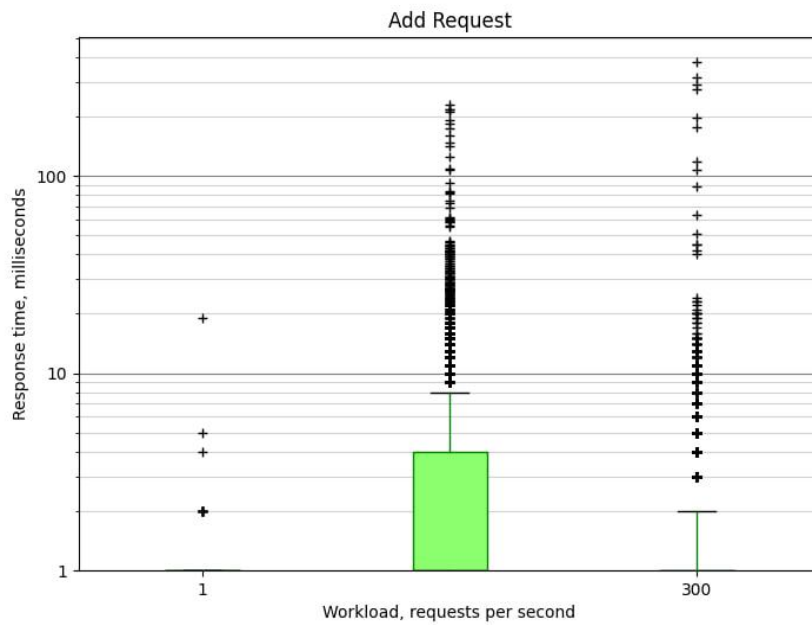
Max Users Count (timeout – 2 seconds)

Lazy Set - 750 users, ≈ 1584 records

Non-Blocking Set - 800 users, ≈ 2728 records