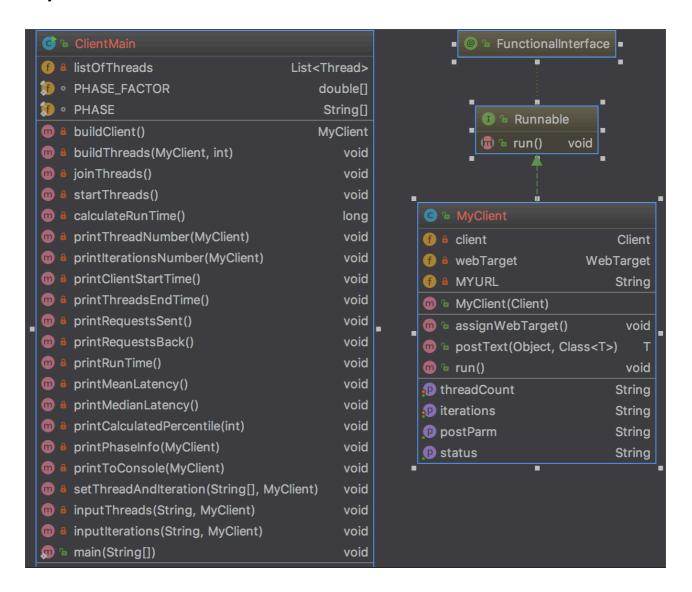# BSDS_Assignment1_DavidZheng

2018年9月30日 星期日   下午8:39

1)   Overview UML

2)   URL To Git repo: https://github.com/DavidZheng28/BSDS

3)   Two Screenshots of Step 4 & 5 for EC2 Server

20/100

```
Warmup phase:
All threads running
run time: 5964

Loading phase:
All threads running
run time: 5571

Peak phase:
All threads running
run time: 5728

Cooldown phase:
All threads running
run time: 5249
Threads: 20
Iterations: 100
Total number of requests sent: 7400
Total number of successful responses: 7400
Mean latency: 26.841081081081082
Median latency: 25.0
99 percentile latency: 61.0
95 percentile latency: 33.0
Total run time = 22574


Process finished with exit code 0
```

100/100

```
Warmup phase:
All threads running
run time: 5967

Loading phase:
All threads running
run time: 8472

Peak phase:
```

```
All threads running
run time: 16995

Cooldown phase:
All threads running
run time: 6175
Threads: 100
Iterations: 100
Total number of requests sent: 37000
Total number of successful responses: 37000
Mean latency: 53.167324324324326
Median latency: 31.0
99 percentile latency: 497.0
95 percentile latency: 101.0
Total run time = 38908


Process finished with exit code 0
```

5) Two Screenshots for AWS Lambda 20/100

```
Warmup phase:
All threads running
run time: 6470

Loading phase:
All threads running
run time: 5914

Peak phase:
All threads running
run time: 7492

Cooldown phase:
All threads running
run time: 5455
Threads: 20
```

```
Iterations: 100
Total number of requests sent: 7400
Total number of successful responses: 7400
Mean latency: 30.884363636363638
Median latency: 27.0
99 percentile latency: 69.0
95 percentile latency: 49.0
Total run time = 25456
```

100/100

```
Warmup phase:
All threads running
run time: 7493

Loading phase:
All threads running
run time: 14066

Peak phase:
All threads running
run time: 26906

Cooldown phase:
All threads running
run time: 10028
Threads: 100
Iterations: 100
Total number of requests sent: 37000
Total number of successful responses: 37000
Mean latency: 83.7237725631769
Median latency: 36.0
99 percentile latency: 1285.0
95 percentile latency: 208.0
Total run time = 60986
```