Rate Limiting



HTTP 429 Too many requests

Limit the calls per API

client

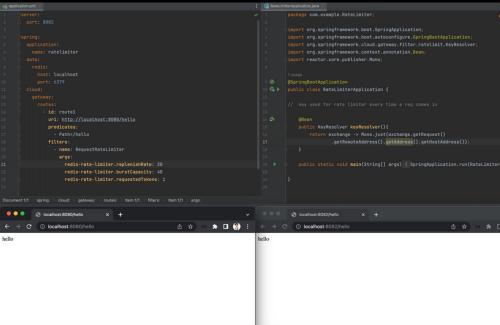
GET /products 100 RPS
POST /products 5 RPS
GET /products/{id} 300 RPS
PUT /products/{id} 5 RPS



GET /products 3000 RPS
POST /products 100 RPS
GET /products/{id} 10000 RPS
PUT /products/{id} 100 RPS

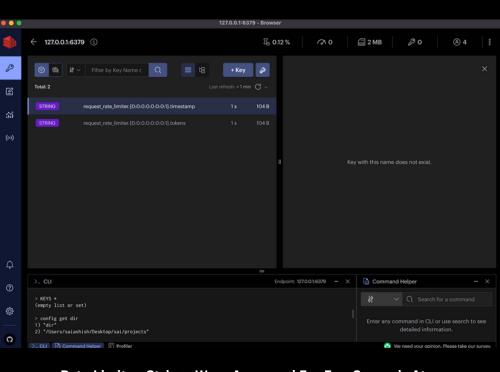
In redisinsight





```
#!/bin/bash
while:
do
  curl -s -o /dev/null -I -w "%{http_code}" -X GET http://localhost:8082/hello
  echo ""
done
200
200
200
200
200
200
200
200
200
200
200
200
200
200
200
200
200
200
200
200
429
429
429
429
                  redis-rate-limiter.replenishRate: 20
```

redis-rate-limiter.replenishkate: 20
redis-rate-limiter.burstCapacity: 40
200 Status Code : Success
429 Status Code : Too Many Requests
200 is appeared 20 times and 429 fourty times



Rate Limiter Strings Were Appeared For Few Seconds At RedisInsight GUI At localhost:6379

1304:M 28 Dec 2022 23:59:50.828 # WARNING: The TCP backlog setting of 511 cannot be enforced because kern.ipc.somaxconn is set to the

1304:C 28 Dec 2022 23:59:50.826 # 000000000000 Redis is starting 0000000000000

1304:M 28 Dec 2022 23:59:50.828 # Server initialized

1304:M 28 Dec 2022 23:59:50.829 * RDB age 15340 seconds

1304:M 28 Dec 2022 23:59:50.829 * Loading RDB produced by version 7.0.5

1304:M 28 Dec 2022 23:59:50.829 * RDB memory usage when created 1.08 Mb 1304:M 28 Dec 2022 23:59:50.829 * Done loading RDB, keys loaded: 0, keys expired: 0.

1304:M 28 Dec 2022 23:59:50.829 * DB loaded from disk: 0.000 seconds 1304:M 28 Dec 2022 23:59:50.829 * Ready to accept connections