ANÁLISIS COMPLETO DE PERFORMANCE

Se trabajó sobre la ruta '/info' y ruta '/info-log', en modo fork:

Además desactivé el child_process de la ruta '/randoms' para todas las opciones.

1 - ruta info

En terminal 1: node server.js --port 8081 --modo FORK

En terminal 2: artillery quick --count 50 -n 10 "http://localhost:8081/info" > result fork.txt

2 - ruta /info-log

En terminal 1: node server.js --port 8081 --modo FORK

En terminal 2: artillery quick --count 50 -n 10 "http://localhost:8081/info-log" > result_fork_consolelog.txt

3 -

En terminal 1: node --prof server.js --port 8081 --modo FORK En directorio del desafío: curl -X GET "http://localhost:8081/info"

En terminal 2: artillery quick --count 50 -n 10 "http://localhost:8081/info" > result_info_prof.txt

Renombro archivo: isolate-0000018F57F86560-2548-v8.log

Como archivo: isolate-info-v8.log

En terminal 1: node --prof-process isolate-Fork-SinConsoleLog.log > result-info-log_prof.txt

En terminal 2: artillery quick --count 50 -n 10 "http://localhost:8081/info-log" > result_info-log_prof.txt

Renombro archivo: isolate-0000018F57F86560-2550-v8.log

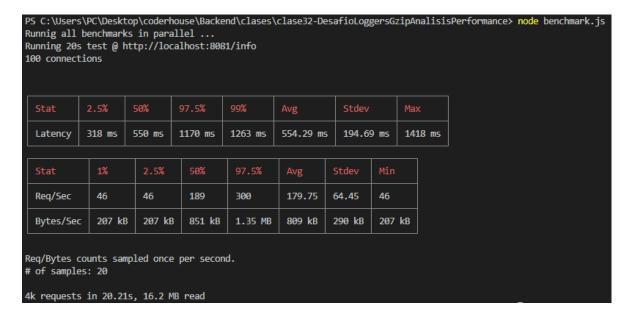
Como archivo: isolate-info-log-v8.log

4 - Test autocannon ruta /info

Terminal 1: node server.js --port 8081 --modo FORK

Terminal 2: node benchmark.js

Terminal 3: artillery quick --count 50 -n 10 "http://localhost:8081/info" > result autocannon-info.txt

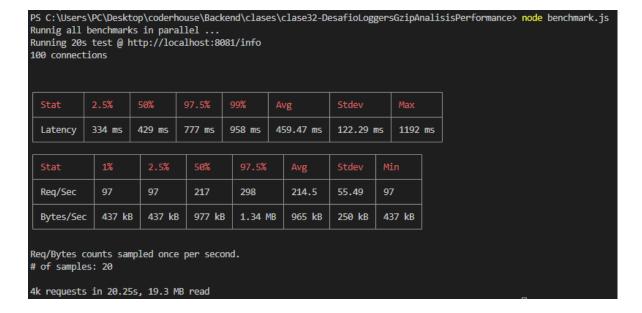


Test autocannon ruta /info-log

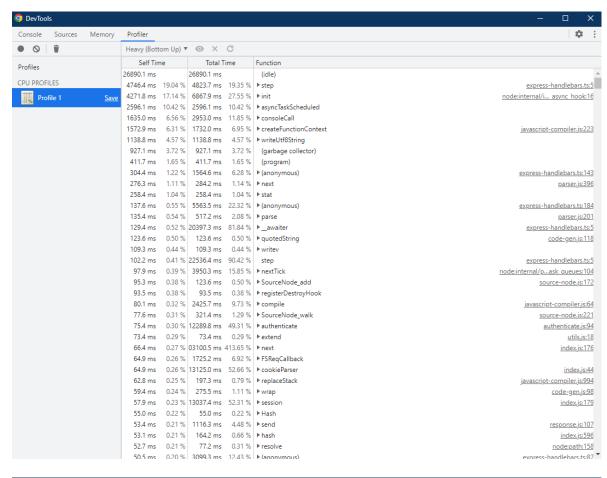
Terminal 1: node server.js --port 8081 --modo FORK

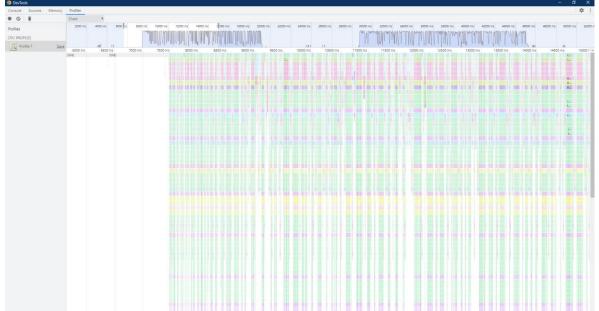
Terminal 2: node benchmark.js

Terminal 3: artillery quick --count 50 -n 10 "http://localhost:8081/info-log" > result_autocannon-info-log.txt



- 6 Perfilamiento del servidor con modo inspector de node.js -inspect
 - Terminal 1: node --inspect server.js
 - Ingreso a inspect de chrome (chrome://inspect/) y grabo test
 - Terminal 2: artillery quick --count 50 -n 10 "http://localhost:8080/info" > result_inspect-info.txt
 - Y luego artillery quick --count 50 -n 10 "http://localhost:8080/info-log" > result_inspect-info-log.txt





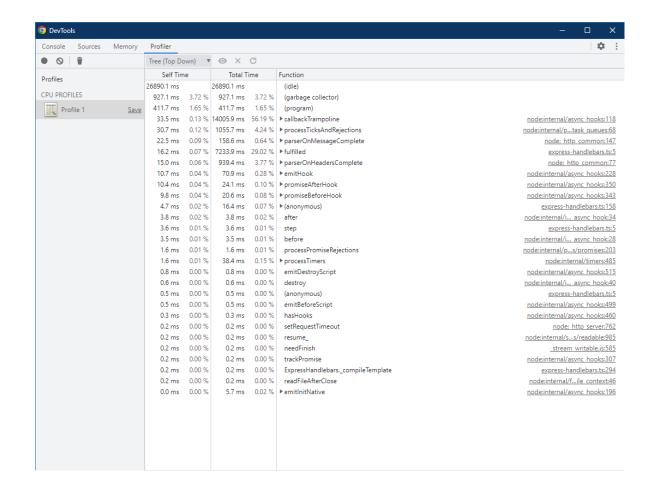
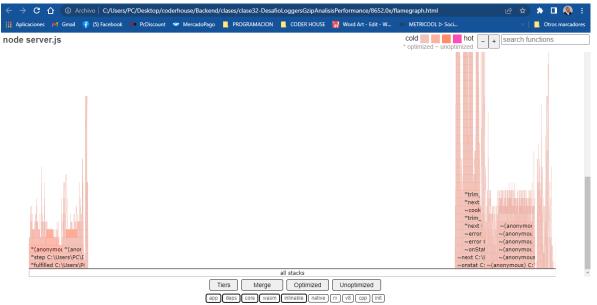


Diagrama de flama usando 0x y autocannon



PS C:\Users\PC\Desktop\coderhouse\Backend\clases\clase32-DesafioLoggersGzipAnalisisPerformance> npm test > socket@1.0.0 test > node benchmark.js Runnig all benchmarks in parallel ... Running 20s test @ http://localhost:8080/info 100 connections Avg 1405 ms 1428 ms 879.51 ms 160.56 ms Latency 686 ms 852 ms 1568 ms Avg 112 Req/Sec 156 111.2 29.84 Bytes/Sec 31.3 kB 31.3 kB 502 kB 698 kB 498 kB 134 kB 31.3 kB Req/Bytes counts sampled once per second. # of samples: 20 2k requests in 20.17s, 9.95 MB read Running 20s test @ http://localhost:8080/info-log 100 connections

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	701 ms	863 ms	1322 ms	1347 ms	886.49 ms	158.69 ms	1462 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	0	0	101	196	110	38.24	86
Bytes/Sec	0 B	0 B	452 kB	878 kB	492 kB	171 kB	385 kB

Req/Bytes counts sampled once per second.

of samples: 20

2k requests in 20.23s, 9.85 MB read