

Desafío Clase 32

Análisis completo de performance.

Artillery

Sin console.log:

```
http.codes.200: ..... 1000
http.request_rate: ..... 476/sec
http.requests: ..... 1000
http.response_time:
  min: ..... 5
  max: ..... 135
  median: ..... 68.7
  p95: ..... 111.1
  p99: ..... 125.2
http.responses: ..... 1000
vusers.completed: ..... 50
vusers.created: ..... 50
vusers.created_by_name.0: ..... 50
vusers.failed: ..... 0
vusers.session_length:
  min: ..... 1143.6
  max: ..... 1489.2
  median: ..... 1353.1
  p95: ..... 1465.9
  p99: ..... 1495.5
```

Con console.log:

```
http.codes.200: ..... 1000
http.request_rate: ..... 326/sec
http.requests: ..... 1000
http.response_time:
  min: ..... 6
  max: ..... 170
  median: ..... 73
  p95: ..... 135.7
  p99: ..... 144
http.responses: ..... 1000
vusers.completed: ..... 50
vusers.created: ..... 50
vusers.created_by_name.0: ..... 50
vusers.failed: ..... 0
vusers.session_length:
  min: ..... 1292.9
  max: ..... 1614.1
  median: ..... 1495.5
  p95: ..... 1620
  p99: ..... 1620
```

Node Inspect

Sin console.log:

Self Time	Total Time	Function
15347.5 ms	5347.5 ms	(idle)
1.0 ms 1.60 %	73.4 ms 123.29 %	▼ handle layer.js:86
0.8 ms 1.37 %	51.3 ms 86.07 %	▶ trim_prefix index.js:293
0.1 ms 0.23 %	14.7 ms 24.66 %	▶ next route.js:116
0.0 ms 0.00 %	7.5 ms 12.56 %	▶ (anonymous) index.js:280
0.4 ms 0.68 %	59.5 ms 100.00 %	▶ next index.js:177
0.0 ms 0.00 %	58.9 ms 98.86 %	▶ process_params index.js:338
0.1 ms 0.23 %	58.9 ms 98.86 %	▶ (anonymous) index.js:280
0.0 ms 0.00 %	51.3 ms 86.07 %	▶ trim_prefix index.js:293
0.1 ms 0.23 %	43.9 ms 73.74 %	▶ (anonymous) express-handlebars.ts:5
1.0 ms 1.60 %	43.8 ms 73.52 %	▶ step express-handlebars.ts:5
0.5 ms 0.91 %	29.8 ms 50.00 %	▶ emit node:events:460
0.0 ms 0.00 %	23.0 ms 38.58 %	fulfilled express-handlebars.ts:5
1.4 ms 2.28 %	22.0 ms 36.99 %	callbackTrampoline node:internal/async_hooks:118
0.1 ms 0.23 %	22.0 ms 36.99 %	▶ __awaiter express-handlebars.ts:5
0.4 ms 0.68 %	21.9 ms 36.76 %	▶ (anonymous) express-handlebars.ts:5
0.1 ms 0.23 %	16.4 ms 27.63 %	▶ (anonymous) express-handlebars.ts:184
0.0 ms 0.00 %	15.4 ms 25.80 %	▶ ExpressHandlebars._renderTemplate express-handlebars.ts:302
0.1 ms 0.23 %	15.4 ms 25.80 %	▶ ret compiler.js:544
0.0 ms 0.00 %	14.7 ms 24.66 %	▶ next route.js:116
0.4 ms 0.68 %	14.4 ms 24.20 %	▶ compileInput compiler.js:531
0.8 ms 1.37 %	11.6 ms 19.41 %	▶ (anonymous) express-handlebars.ts:221

Con console.log:

Self Time	Total Time	Function
13336.9 ms	3336.9 ms	(idle)
1.0 ms 1.47 %	102.0 ms 157.26 %	▶ handle layer.js:86
0.4 ms 0.63 %	81.2 ms 125.26 %	▶ next index.js:177
0.1 ms 0.21 %	80.4 ms 124.00 %	▶ (anonymous) index.js:280
0.0 ms 0.00 %	80.4 ms 124.00 %	▶ process_params index.js:338
0.0 ms 0.00 %	69.2 ms 106.74 %	▶ trim_prefix index.js:293
0.3 ms 0.42 %	41.9 ms 64.63 %	▶ (anonymous) express-handlebars.ts:5
1.1 ms 1.68 %	41.6 ms 64.21 %	▶ step express-handlebars.ts:5
0.5 ms 0.84 %	35.9 ms 55.37 %	▶ emit node:events:460
0.5 ms 0.84 %	26.1 ms 40.21 %	callbackTrampoline node:internal/async_hooks:118
0.0 ms 0.00 %	22.9 ms 35.37 %	fulfilled express-handlebars.ts:5
0.0 ms 0.00 %	21.7 ms 33.47 %	▶ next route.js:116
0.1 ms 0.21 %	20.2 ms 31.16 %	▶ __awaiter express-handlebars.ts:5
0.4 ms 0.63 %	19.9 ms 30.74 %	▶ (anonymous) express-handlebars.ts:5
0.3 ms 0.42 %	16.4 ms 25.26 %	▶ (anonymous) express-handlebars.ts:184
0.1 ms 0.21 %	15.3 ms 23.58 %	▶ ExpressHandlebars._renderTemplate express-handlebars.ts:302
0.1 ms 0.21 %	15.2 ms 23.37 %	▶ ret compiler.js:544
0.3 ms 0.42 %	14.5 ms 22.32 %	▶ handle index.js:136
0.1 ms 0.21 %	14.3 ms 22.11 %	▶ (anonymous) node:fs:206
0.1 ms 0.21 %	14.2 ms 21.89 %	▶ onstat index.js:717
0.4 ms 0.63 %	14.2 ms 21.89 %	▶ compileInput compiler.js:531
0.1 ms 0.21 %	14.1 ms 21.68 %	▶ error index.js:267
0.0 ms 0.00 %	14.1 ms 21.68 %	▶ next index.js:728

Autocannon

Sin console.log:

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	116 ms	122 ms	170 ms	199 ms	127.36 ms	17.23 ms	342 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	487	487	801	882	779.85	81.93	487
Bytes/Sec	572 kB	572 kB	942 kB	1.04 MB	916 kB	96.3 kB	572 kB

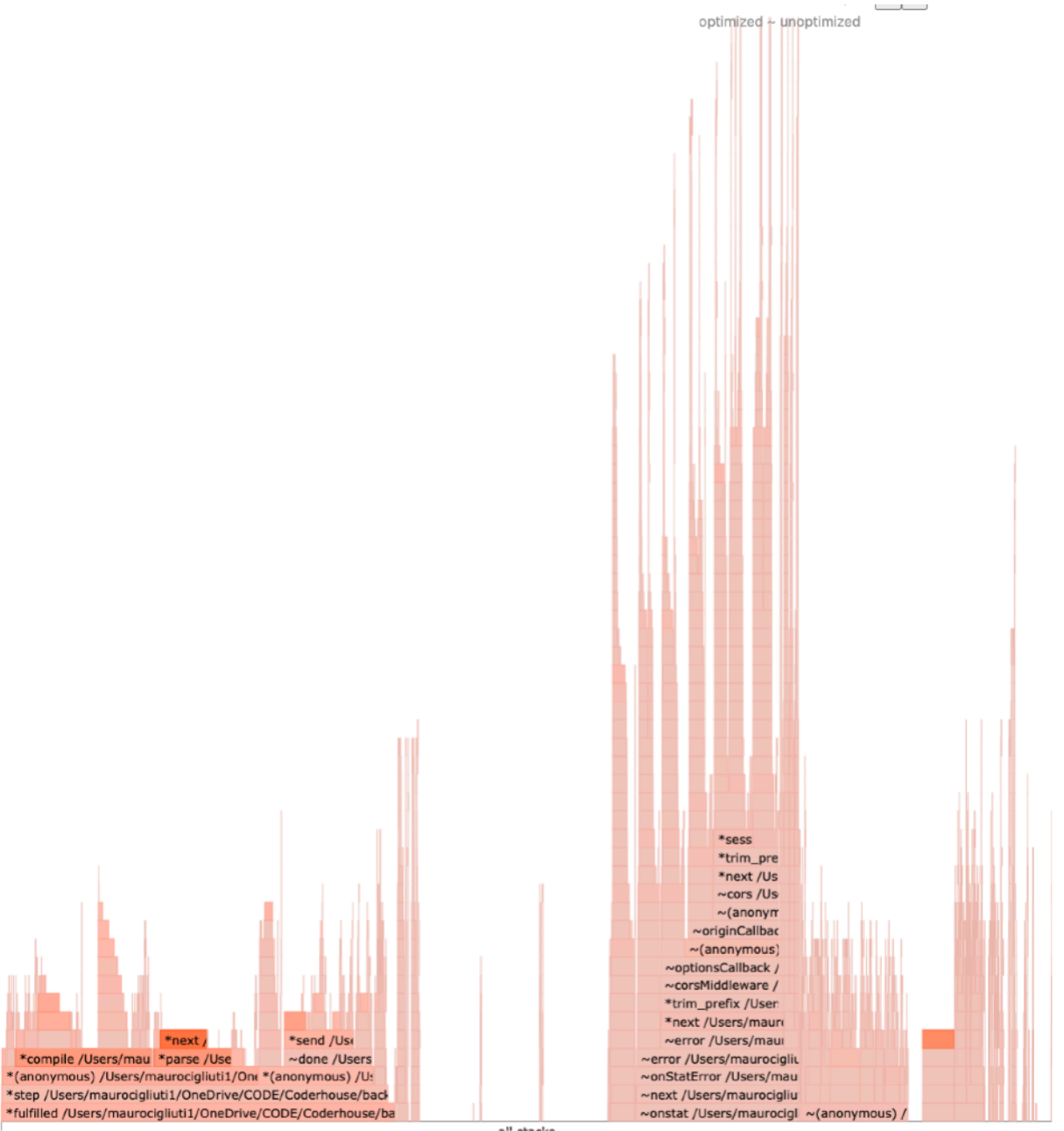
Con console.log:

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	116 ms	122 ms	170 ms	199 ms	127.36 ms	17.23 ms	342 ms

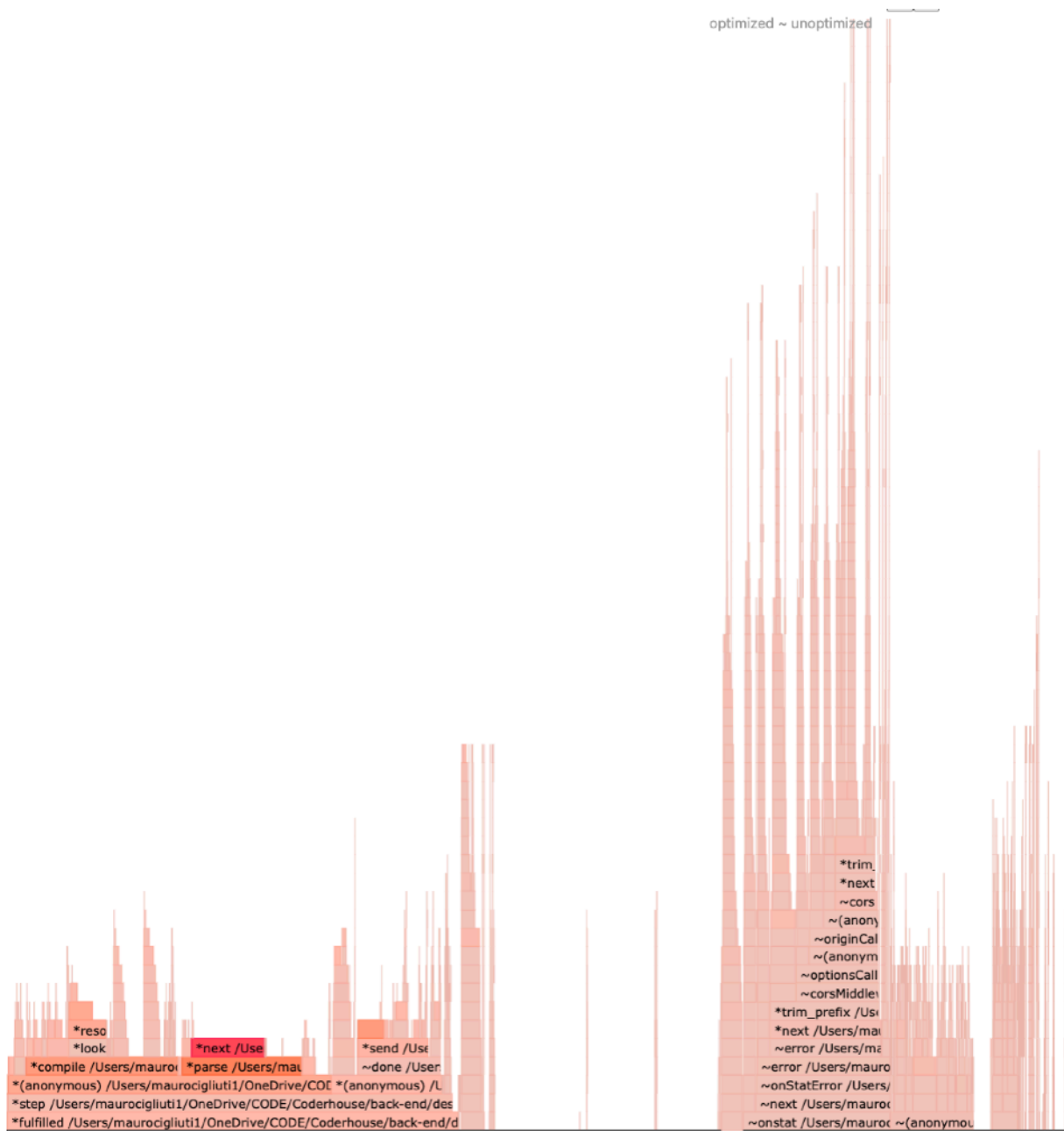
Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	487	487	801	882	779.85	81.93	487
Bytes/Sec	572 kB	572 kB	942 kB	1.04 MB	916 kB	96.3 kB	572 kB

Flamegraph

Sin console.log:



Con console.log



Conclusión

Podemos concluir que en todos los test la versión sin el console.log es más performante en tiempos de respuesta del servidor por un margen considerable.