

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
5347.5 ms	5347.5 ms	(idle)
1.0 ms	1.60 %	▶ handle layer.js:89
0.8 ms	1.37 %	▶ trim_prefix index.js:293
0.1 ms	0.23 %	▶ next route.js:116
0.0 ms	0.00 %	▶ (anonymous) index.js:280
0.4 ms	0.63 %	▶ next index.js:177
0.0 ms	0.00 %	▶ process_params index.js:238
0.1 ms	0.23 %	▶ (anonymous) index.js:280
0.0 ms	0.00 %	▶ trim_prefix index.js:293
0.1 ms	0.23 %	▶ (anonymous) express-handlebars.js:5
1.0 ms	1.60 %	▶ step express-handlebars.js:3
0.5 ms	0.91 %	▶ emit node:events:460
0.0 ms	0.00 %	fulfilled express-handlebars.js:5
1.4 ms	2.23 %	callbackTrampoline node:internal/async_hooks:118
0.1 ms	0.23 %	▶ __awaiter express-handlebars.js:5
0.1 ms	0.63 %	▶ (anonymous) express-handlebars.js:5
0.1 ms	0.23 %	▶ (anonymous) express-handlebars.js:184
0.0 ms	0.00 %	▶ ExpressHandlebars._renderTemplate express-handlebars.js:302
0.1 ms	0.23 %	▶ ret express-handlebars.js:544
0.0 ms	0.00 %	▶ next route.js:116
0.4 ms	0.63 %	▶ compileInput compiler.js:531
0.8 ms	1.37 %	▶ (anonymous) express-handlebars.js:221

Con console.log:

Self Time	Total Time	Function
9336.9 ms	9336.9 ms	(idle)
1.0 ms	1.47 %	▶ handle layer.js:89
0.4 ms	0.63 %	▶ next index.js:177
0.1 ms	0.21 %	▶ (anonymous) index.js:280
0.0 ms	0.00 %	▶ process_params index.js:238
0.0 ms	0.00 %	▶ trim_prefix index.js:293
0.3 ms	0.42 %	▶ (anonymous) express-handlebars.js:5
1.1 ms	1.63 %	▶ step express-handlebars.js:3
0.5 ms	0.84 %	▶ emit node:events:460
0.3 ms	0.84 %	callbackTrampoline node:internal/async_hooks:118
0.0 ms	0.00 %	fulfilled express-handlebars.js:5
0.0 ms	0.00 %	▶ next route.js:116
0.1 ms	0.21 %	▶ __awaiter express-handlebars.js:5
0.4 ms	0.63 %	▶ (anonymous) express-handlebars.js:5
0.3 ms	0.42 %	▶ (anonymous) express-handlebars.js:184
0.1 ms	0.21 %	▶ ExpressHandlebars._renderTemplate express-handlebars.js:302
0.1 ms	0.21 %	▶ ret compiler.js:544
0.3 ms	0.42 %	▶ handle index.js:126
0.1 ms	0.21 %	▶ (anonymous) node.js:208
0.1 ms	0.21 %	▶ onstat index.js:717
0.4 ms	0.63 %	▶ compileInput compiler.js:531
0.1 ms	0.21 %	▶ error index.js:267
0.0 ms	0.00 %	▶ next index.js:728

Autocannon

Sin console.log:

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	116 ms	122 ms	176 ms	199 ms	127.36 ns	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

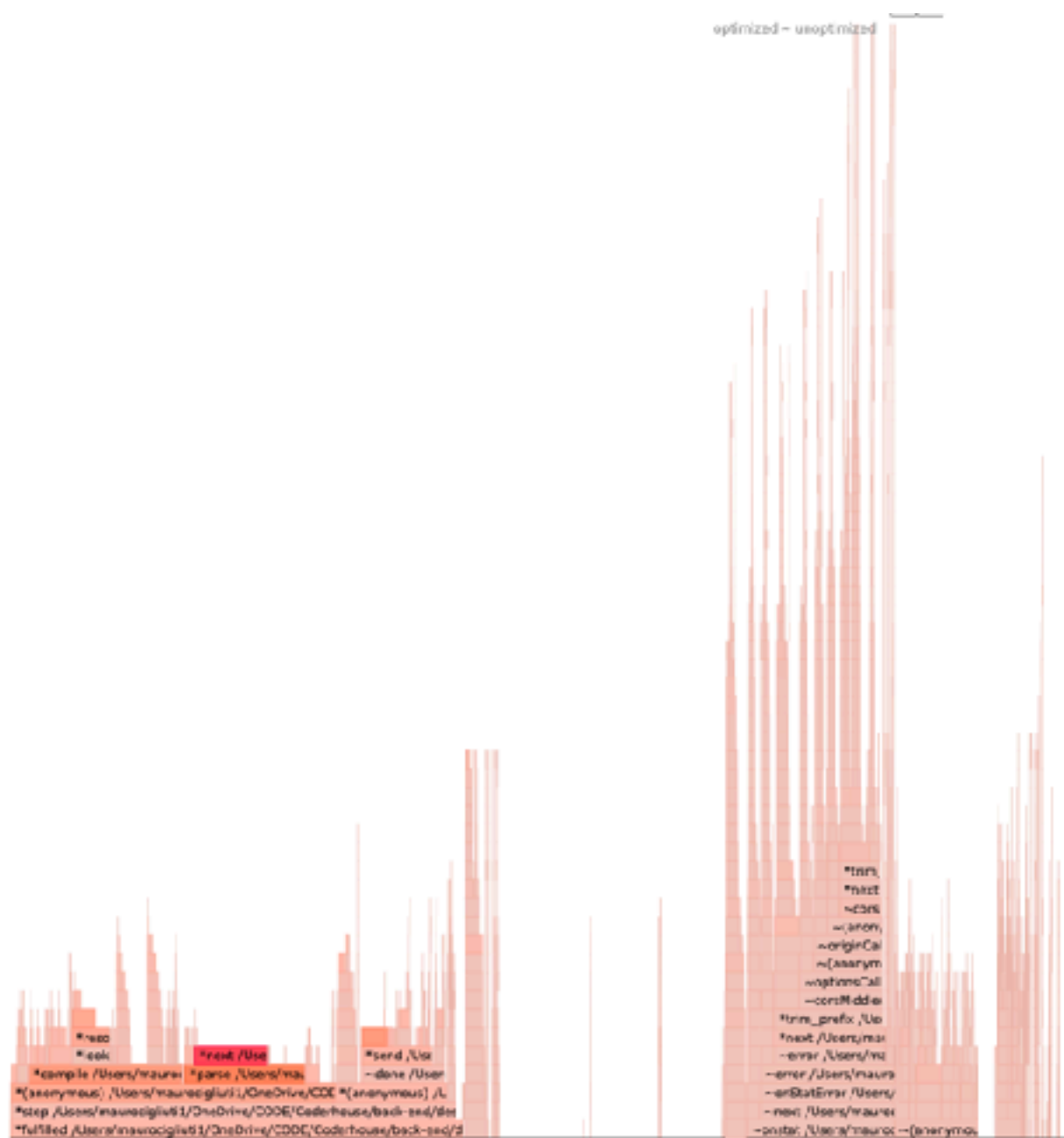
Con console.log:

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	116 ms	122 ms	176 ms	199 ms	127.36 ns	17.23 ms	342 ms

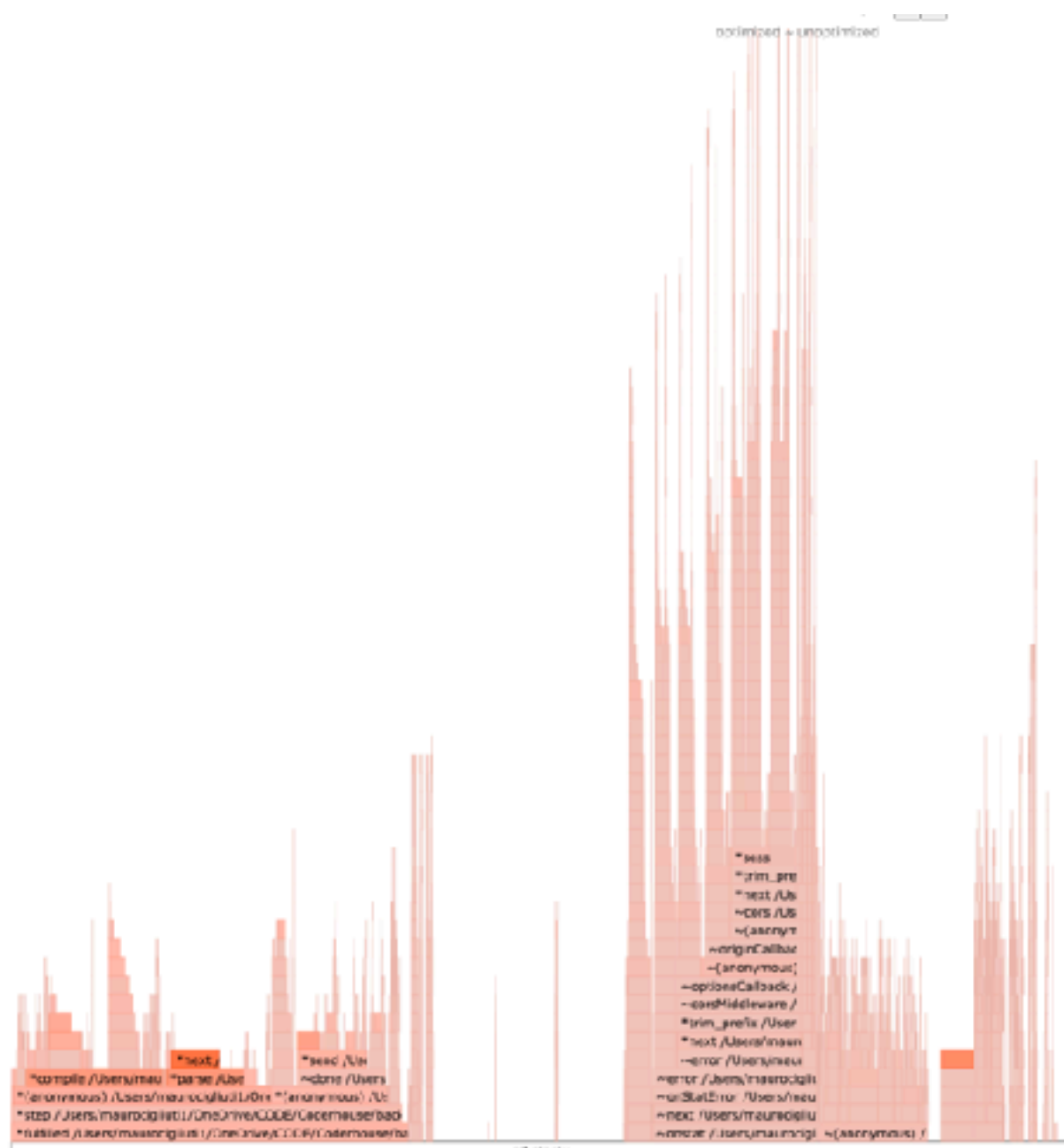
Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	487	487	801	882	779.85	81.93	487
Bytes/Sec	572 kB	572 kB	942 kB	1.04 MB	916 kB	96.3 kB	572 kB

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.