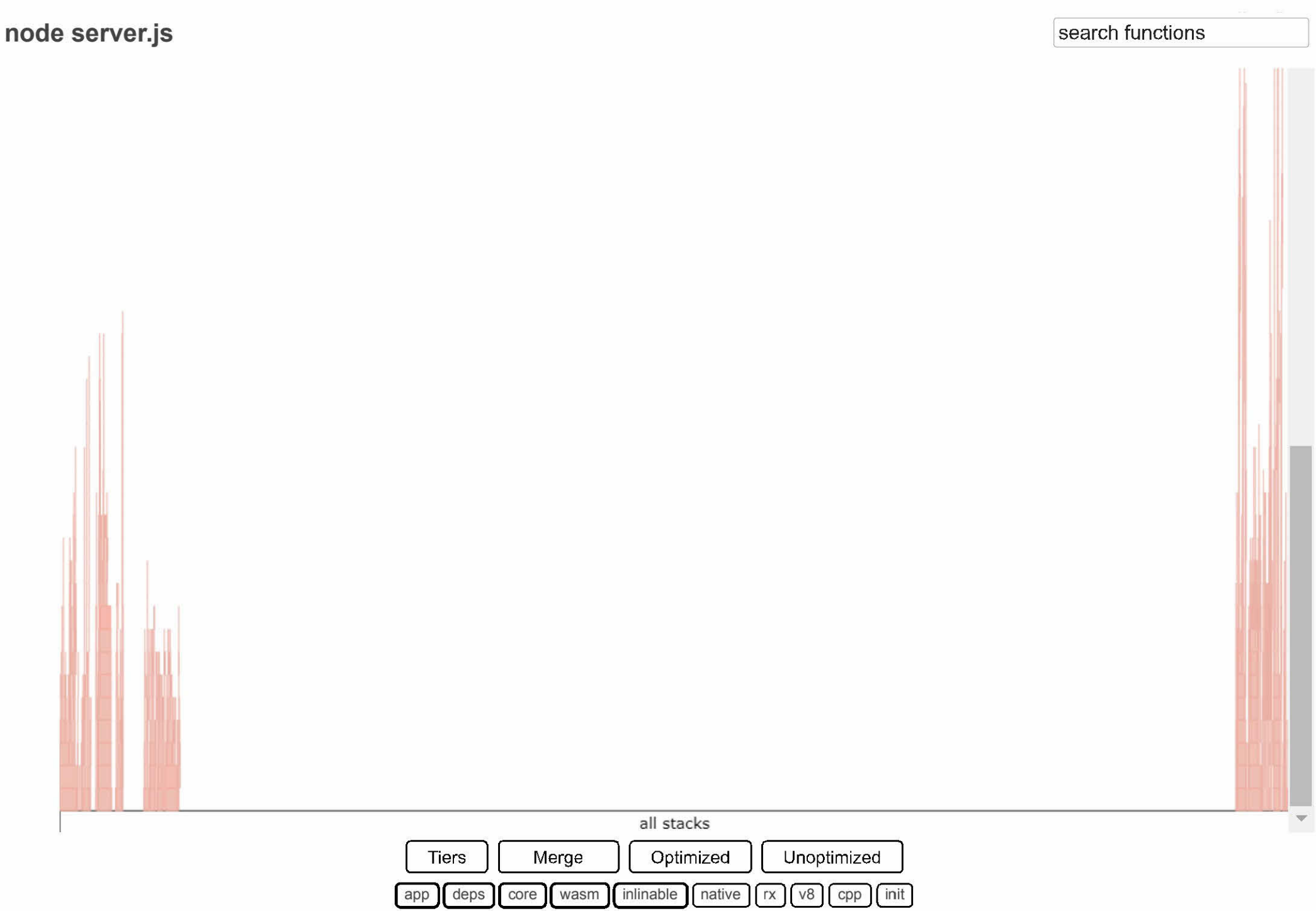
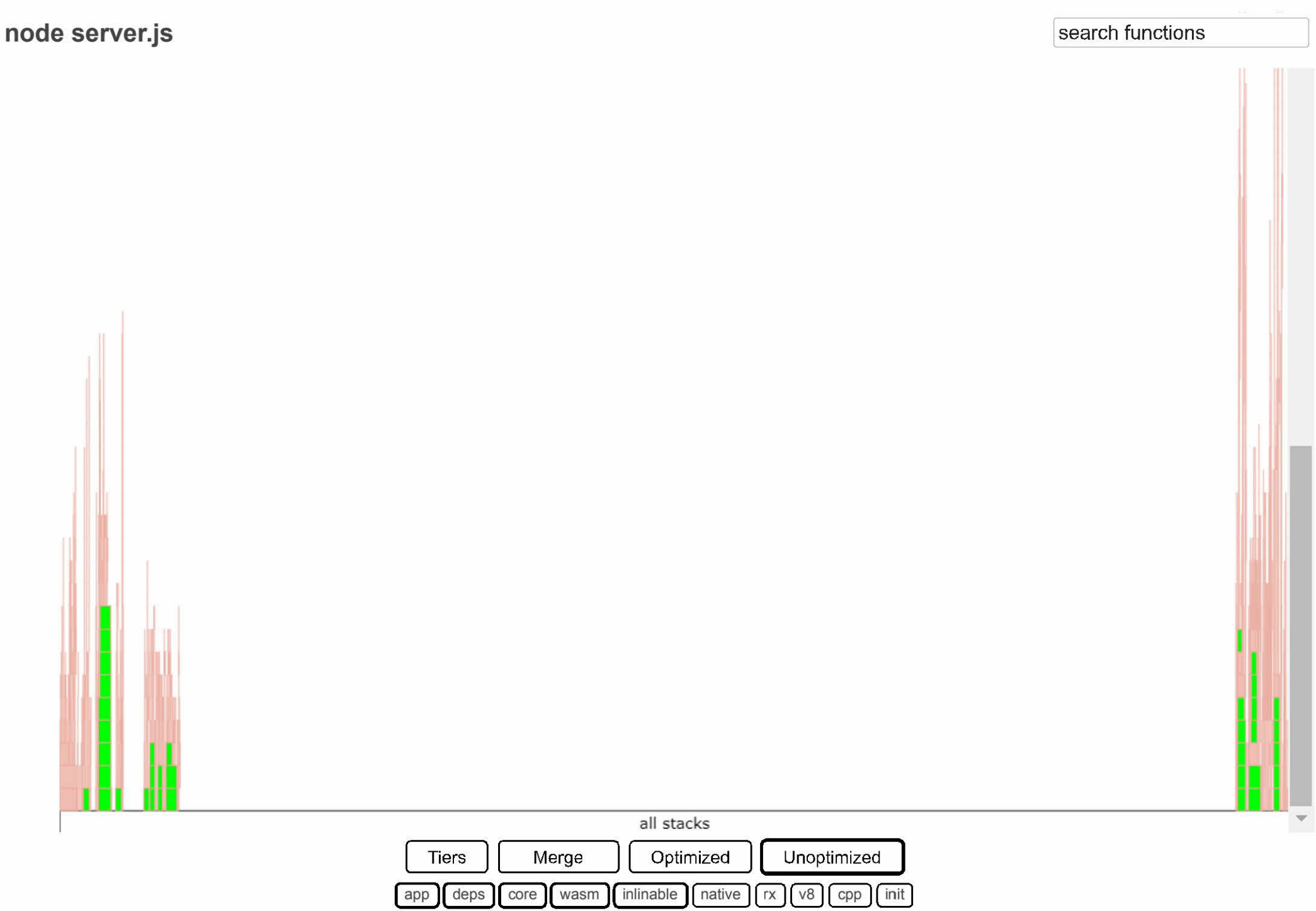
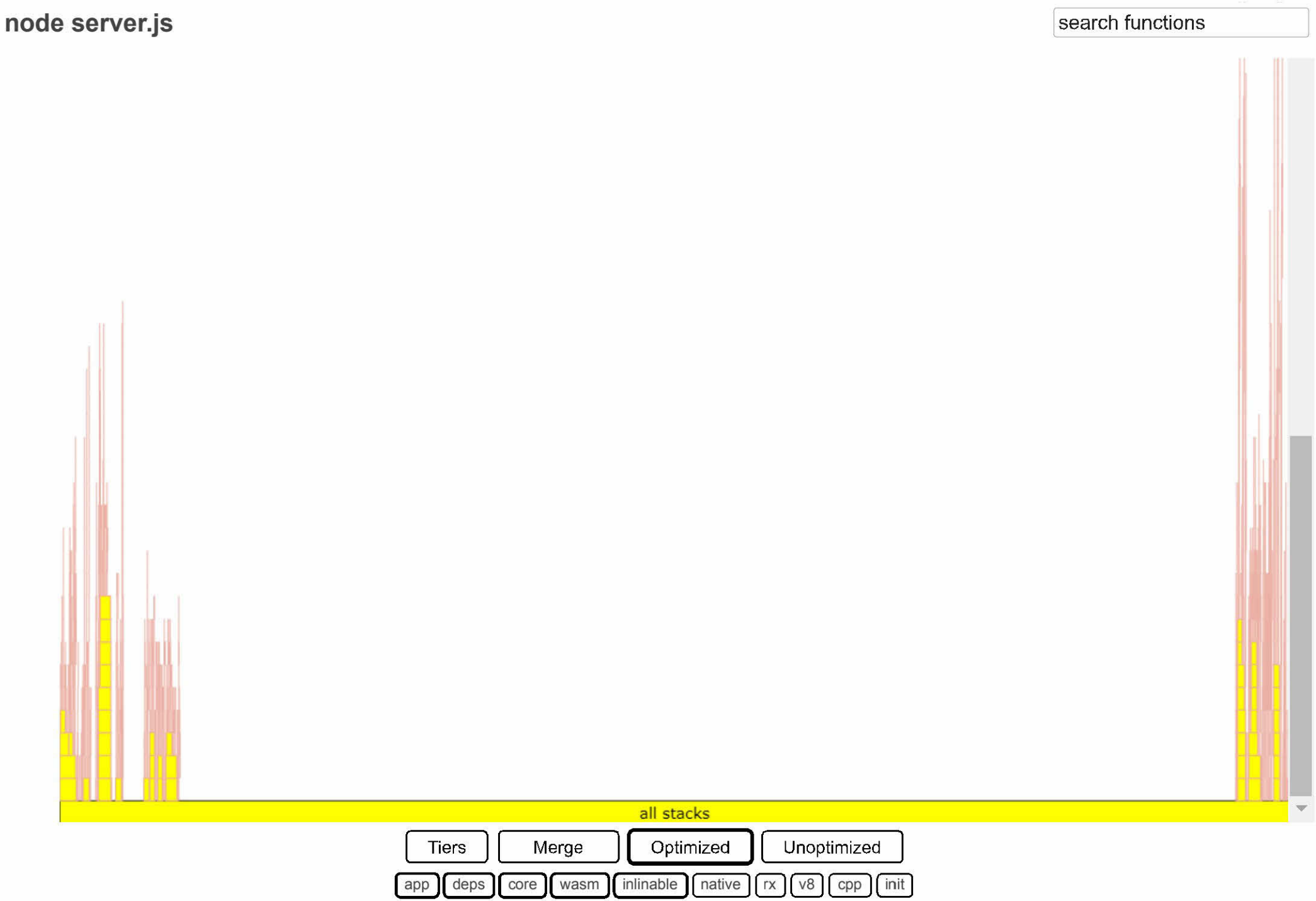
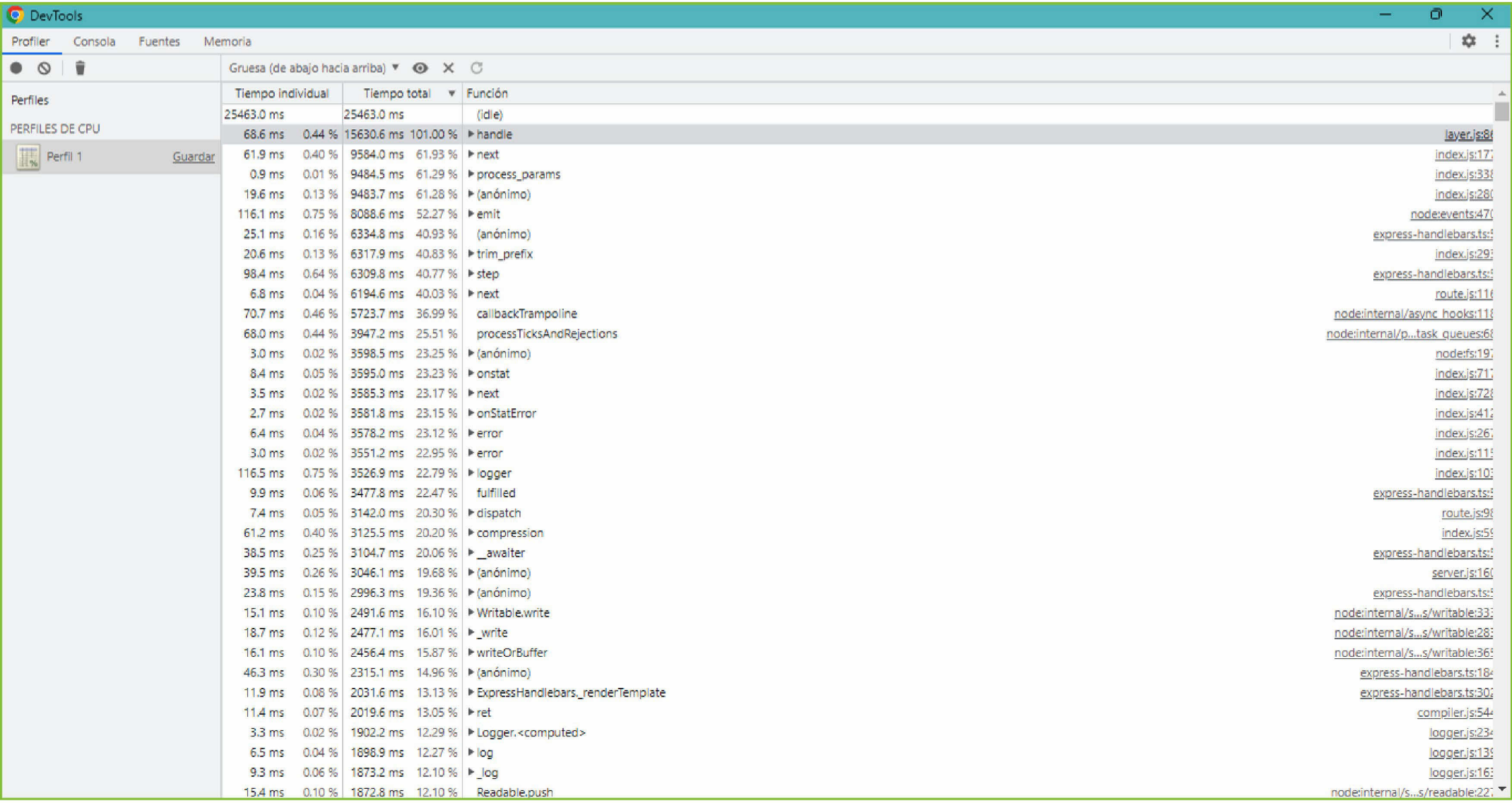

node server.js
search functions
all stacks
Tiers
Merge
Optimized
Unoptimized
app
deps
core
wasm
inlinable
native
rx
v8
cpp
init


node server.js
search functions
all stacks
Tiers
Merge
Optimized
Unoptimized
app
deps
core
wasm
inlinable
native
rx
v8
cpp
init


node server.js
search functions
all stacks
Tiers
Merge
Optimized
Unoptimized
app
deps
core
wasm
inlinable
native
rx
v8
cpp
init


DevTools
Profiler
Consola
Fuentes
Memoria
Gruesa (de abajo hacia arriba)
Perfiles
PERFILES DE CPU
Perfil 1
Guardar
Tiempo individual
Tiempo total
Función
25463.0 ms 25463.0 ms (idle)
68.6 ms 0.44 % 15630.6 ms 101.00 % handle layer.js:8
61.9 ms 0.40 % 9584.0 ms 61.93 % next index.js:17
0.9 ms 0.01 % 9484.5 ms 61.29 % process_params index.js:33
19.6 ms 0.13 % 9483.7 ms 61.28 % (anónimo) index.js:28
116.1 ms 0.75 % 8088.6 ms 52.27 % emit node:events:47
25.1 ms 0.16 % 6334.8 ms 40.93 % (anónimo) express-handlebars.ts:
20.6 ms 0.13 % 6317.9 ms 40.83 % trim_prefix index.js:29
98.4 ms 0.64 % 6309.8 ms 40.77 % step express-handlebars.ts:
6.8 ms 0.04 % 6194.6 ms 40.03 % next route.js:11
70.7 ms 0.46 % 5723.7 ms 36.99 % callbackTrampoline node:internal/async_hooks:11
68.0 ms 0.44 % 3947.2 ms 25.51 % processTicksAndRejections node:internal/p...task_queues:6
3.0 ms 0.02 % 3598.5 ms 23.25 % (anónimo) node:fs:19
8.4 ms 0.05 % 3595.0 ms 23.23 % onstat index.js:71
3.5 ms 0.02 % 3585.3 ms 23.17 % next index.js:72
2.7 ms 0.02 % 3581.8 ms 23.15 % onStatError index.js:41
6.4 ms 0.04 % 3578.2 ms 23.12 % error index.js:26
3.0 ms 0.02 % 3551.2 ms 22.95 % error index.js:11
116.5 ms 0.75 % 3526.9 ms 22.79 % logger index.js:10
9.9 ms 0.06 % 3477.8 ms 22.47 % fulfilled express-handlebars.ts:
7.4 ms 0.05 % 3142.0 ms 20.30 % dispatch route.js:9
61.2 ms 0.40 % 3125.5 ms 20.20 % compression index.js:5
38.5 ms 0.25 % 3104.7 ms 20.06 % __awaiter express-handlebars.ts:
39.5 ms 0.26 % 3046.1 ms 19.68 % (anónimo) server.js:16
23.8 ms 0.15 % 2996.3 ms 19.36 % (anónimo) express-handlebars.ts:
15.1 ms 0.10 % 2491.6 ms 16.10 % Writable.write node:internal/s...s/writable:33
18.7 ms 0.12 % 2477.1 ms 16.01 % _write node:internal/s...s/writable:28
16.1 ms 0.10 % 2456.4 ms 15.87 % writeOrBuffer node:internal/s...s/writable:36
46.3 ms 0.30 % 2315.1 ms 14.96 % (anónimo) express-handlebars.ts:18
11.9 ms 0.08 % 2031.6 ms 13.13 % ExpressHandlebars._renderTemplate express-handlebars.ts:30
11.4 ms 0.07 % 2019.6 ms 13.05 % ret compiler.js:54
3.3 ms 0.02 % 1902.2 ms 12.29 % Logger.<computed> logger.js:23
6.5 ms 0.04 % 1898.9 ms 12.27 % log logger.js:13
9.3 ms 0.06 % 1873.2 ms 12.10 % _log logger.js:16
15.4 ms 0.10 % 1872.8 ms 12.10 % Readable.push node:internal/s...s/readable:22

MINGW64:/c/Users/Sx_Ja/OneDrive/Escritorio/coderhouse/BackEnd/segundaEntrega

```
  run `npm fund` for details

6 high severity vulnerabilities

To address issues that do not require attention, run:
  npm audit fix

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.

Sx_Ja@LAPTOP-V5OA5UL3 MINGW64 ~/OneDrive/Escritorio/coderhouse/BackEnd/segundaEn
trega (master)
$ npm test

> segundaentrega@1.0.0 test
> node benchmark.js

Running 20s test @ http://localhost:8080/info
100 connections


┌─────────┬─────────┬─────────┬─────────┬─────────┬────────────┬─────────┬──────
─┐
│ Stat    │ 2.5%    │ 50%     │ 97.5%   │ 99%     │ Avg        │ Stdev   │ Max
 │
├─────────┼─────────┼─────────┼─────────┼─────────┼────────────┼─────────┼──────
─┤
│ Latency │ 915 ms  │ 1003 ms │ 1891 ms │ 2009 ms │ 1067.53 ms │ 235.29 ms │ 2827
 ms │
└─────────┴─────────┴─────────┴─────────┴─────────┴────────────┴─────────┴──────
─┘

┌───────────┬─────────┬─────────┬─────────┬─────────┬─────────┬─────────┬────────
─┐
│ Stat      │ 1%      │ 2.5%    │ 50%     │ 97.5%   │ Avg     │ Stdev   │ Min
 │
├───────────┼─────────┼─────────┼─────────┼─────────┼─────────┼─────────┼────────
─┤
│ Req/Sec   │ 9       │ 9       │ 95      │ 115     │ 91.85   │ 19.56   │ 9
 │
├───────────┼─────────┼─────────┼─────────┼─────────┼─────────┼─────────┼────────
─┤
│ Bytes/Sec │ 14.1 kB │ 14.1 kB │ 149 kB  │ 180 kB  │ 144 kB  │ 30.7 kB │ 14.1 kB
 │
└───────────┴─────────┴─────────┴─────────┴─────────┴─────────┴─────────┴────────
─┘

Req/Bytes counts sampled once per second.
# of samples: 20

2k requests in 20.19s, 2.88 MB read

Sx_Ja@LAPTOP-V5OA5UL3 MINGW64 ~/OneDrive/Escritorio/coderhouse/BackEnd/segundaEn
trega (master)
```

```
Phase started: unnamed (index: 0, duration: 1s) 00:17:17(-0300)

Phase completed: unnamed (index: 0, duration: 1s) 00:17:18(-0300)

-------------------------------------
Metrics for period to: 00:17:20(-0300) (width: 2.514s)
-------------------------------------

http.codes.200: ..................................................................... 105
http.request_rate: .................................................................. 57/sec
http.requests: ...................................................................... 142
http.response_time:
min: ................................................................................ 7
max: ............................................................................... 1174
median: ............................................................................. 383.8
p95: ................................................................................ 820.7
p99: ................................................................................ 982.6
http.responses: ..................................................................... 105
vusers.created: ..................................................................... 50
vusers.created_by_name.0: ........................................................... 50

All VUs finished. Total time: 25 seconds

--------------------------------
Summary report @ 00:17:40(-0300)
--------------------------------

http.codes.200: ..................................................................... 1000
```

```
http.request_rate: ..... 26/sec
http.requests: ..... 1000
http.response_time:
min: ..... 7
max: ..... 2055
median: ..... 223.7
p95: ..... 982.6
p99: ..... 1200.1
http.responses: ..... 1000
vusers.completed: ..... 50
vusers.created: ..... 50
vusers.created_by_name.0: ..... 50
vusers.failed: ..... 0
vusers.session_length:
min: ..... 19334.9
max: ..... 21356.8
median: ..... 20543.1
p95: ..... 21381.5
p99: ..... 21381.5
```

```
Phase started: unnamed (index: 0, duration: 1s) 11:06:53(-0300)

Phase completed: unnamed (index: 0, duration: 1s) 11:06:54(-0300)

-------------------------------------

Metrics for period to: 11:07:00(-0300) (width: 6.088s)

-------------------------------------

http.codes.200: ..................................................................... 210
http.request_rate: .................................................................. 41/sec
http.requests: ...................................................................... 251
http.response_time:
min: ................................................................................ 387
max: ................................................................................ 2021
median: ............................................................................. 925.4
p95: ................................................................................ 1274.3
p99: ................................................................................ 1380.5
http.responses: ..................................................................... 210
vusers.created: ..................................................................... 50
vusers.created_by_name.0: ........................................................... 50

All VUs finished. Total time: 30 seconds

--------------------------------

Summary report @ 11:07:21(-0300)
--------------------------------
```

```
http.codes.200: ..................................................... 1000

http.request_rate: .................................................. 24/sec

http.requests: ...................................................... 1000

http.response_time:

min: ................................................................ 65

max: ............................................................... 2320

median: ............................................................. 757.6

p95: ............................................................... 1176.4

p99: ............................................................... 1353.1

http.responses: ..................................................... 1000

vusers.completed: ................................................... 50

vusers.created: ..................................................... 50
vusers.created_by_name.0: ........................................... 50

vusers.failed: ...................................................... 0

vusers.session_length:

min: ............................................................. 20486

max: ............................................................ 21952.1

median: ......................................................... 21381.5

p95: ............................................................ 21813.5

p99: ............................................................ 21813.5
```

Informe de rendimiento

Como se puede observar en los reportes de artillery en las páginas 6 a 9 la modificación de los console.log por los logs de la librería log4js demostró un gran cambio en la agilización del servidor, comprobando que todos los usuarios virtuales de artillery en el caso del console finalizaron en 30" y con la librería los mismos usuarios finalizaron en 25". La media de tiempo de respuesta del primer caso fue de 757.6 mientras que en el segundo fue de 223.7.

Se puede observar en la de firegraph que la aplicación tiene una buena performance y no tiene necesidad de grandes cambios para optimizarla.