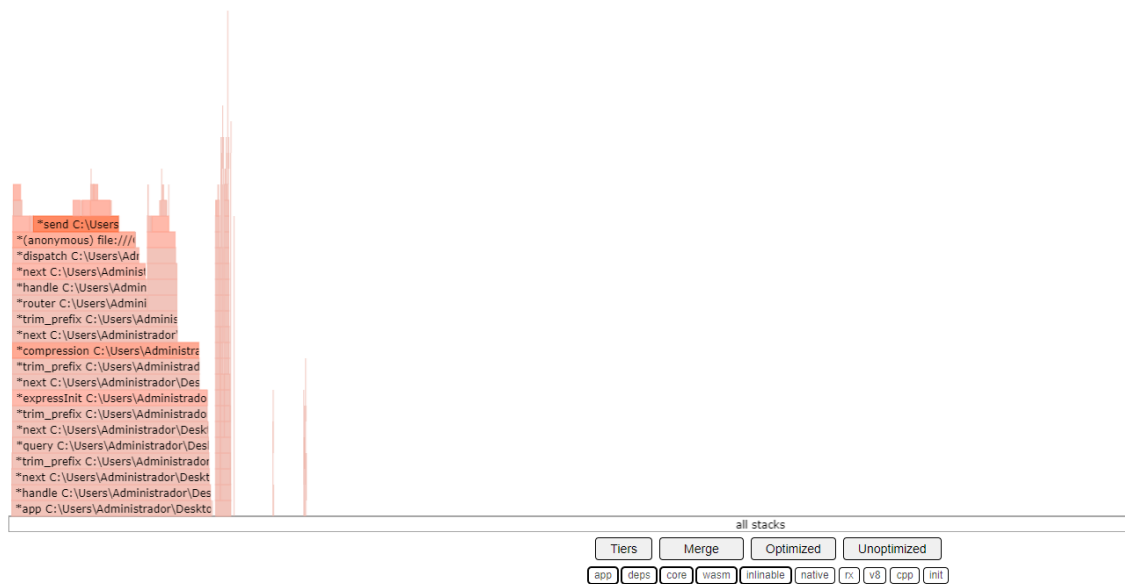


Loggers, Gzip y análisis de performance

Flamegraph bloqueante

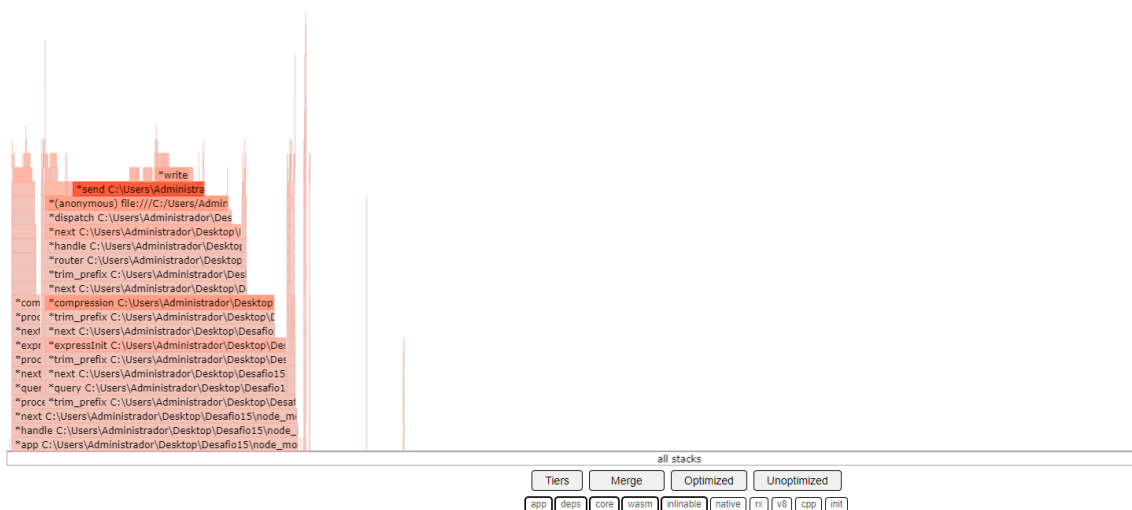
node src/index.js



Flamegraph no bloqueante

node src/index.js

cold
* optim



Result bloqueante node -prof

```
-----
Summary report @ 00:10:39(-0300)
-----

http.codes.200: ..... 500
http.request_rate: ..... 490/sec
http.requests: ..... 500
http.response_time:
  min: ..... 0
  max: ..... 7
  median: ..... 2
  p95: ..... 4
  p99: ..... 5
http.responses: ..... 500
vusers.completed: ..... 10
vusers.created: ..... 10
vusers.created_by_name.0: ..... 10
vusers.failed: ..... 0
vusers.session_length:
  min: ..... 132.6
  max: ..... 236.3
  median: ..... 159.2
  p95: ..... 183.1
  p99: ..... 183.1
```

Result no bloqueante node -prof

```
-----
Summary report @ 00:12:25(-0300)
-----

http.codes.200: ..... 500
http.request_rate: ..... 492/sec
http.requests: ..... 500
http.response_time:
  min: ..... 0
  max: ..... 6
  median: ..... 2
  p95: ..... 4
  p99: ..... 5
http.responses: ..... 500
vusers.completed: ..... 10
vusers.created: ..... 10
vusers.created_by_name.0: ..... 10
vusers.failed: ..... 0
vusers.session_length:
  min: ..... 134.8
  max: ..... 234.1
  median: ..... 156
  p95: ..... 183.1
  p99: ..... 183.1
```

Resultado bloqueante node -inspect

```
40
41 0.9 ms logger.info(`Ruta: ${req.url}`, `Metodo: ${req.method}`);
42 2.2 ms console.log('test test');
43 7.8 ms res.json({
44     NumeroDeCPUs: CPUs,
45     SistemaOperativo: process.platform,
46     VersionNode: process.version,
47     MemoriaTotalReservada: JSON.stringify(process.memoryUsage()),
48     ProcessId: process.pid,
49     Puerto: args.port,
50     CarpetaProyecto: process.cwd()
51 });
52
53 });
54
55 export default router;
56
```

Resultado no bloqueante node -inspect

```
39 router.get('/info', [(req, res)] => {
40
41 0.4 ms logger.info(`Ruta: ${req.url}`, `Metodo: ${req.method}`);
42
43 9.8 ms res.json({
44     NumeroDeCPUs: CPUs,
45     SistemaOperativo: process.platform,
46     VersionNode: process.version,
47     MemoriaTotalReservada: JSON.stringify(process.memoryUsage()),
48     ProcessId: process.pid,
49     Puerto: args.port,
50     CarpetaProyecto: process.cwd()
51 });
52
53 });
54
55 export default router;
56
```