

Resultados de los test's

Resultado de perfilamiento ruta info

```
[Shared libraries]:
ticks total nonlib name
3994 85.9% C:\Windows\SYSTEM32\ntdll.dll
629 13.5% C:\Program Files\nodejs\node.exe
2 0.0% C:\Windows\System32\KERNELBASE.dll

[JavaScript]:
ticks total nonlib name
4 0.1% 16.7% LazyCompile: *resolve node:path:158:10
1 0.0% 4.2% RegExp: /^[a-zA-Z_$][0-9a-zA-Z_$]*$
1 0.0% 4.2% LazyCompile: *toNamespacedPath node:path:618:19
1 0.0% 4.2% LazyCompile: *readSync node:fs:705:18
1 0.0% 4.2% LazyCompile: *readPackageScope node:internal/modules/cjs/loader:368:26
1 0.0% 4.2% LazyCompile: *nextTick node:internal/process/task_queues:103:18
1 0.0% 4.2% LazyCompile: *next C:\Users\abion\OneDrive\Desktop\Coder\Loggers-Gzip-and-Performance\node_modules\express\lib\router\index.js:177:16
1 0.0% 4.2% LazyCompile: *isWindowsDeviceRoot node:path:60:29
1 0.0% 4.2% LazyCompile: *dirname node:path:653:10
1 0.0% 4.2% LazyCompile: *compileFunction node:vm:316:25
1 0.0% 4.2% LazyCompile: *basename node:path:749:11
1 0.0% 4.2% LazyCompile: *Module._resolveLookupPaths node:internal/modules/cjs/loader:714:38
1 0.0% 4.2% Function: ^value node:internal/console/constructor:272:20
1 0.0% 4.2% Function: ^ondata C:\Users\abion\OneDrive\Desktop\Coder\Loggers-Gzip-and-Performance\node_modules\readable-stream\lib\_stream_readable.js:116:16
1 0.0% 4.2% Function: ^next C:\Users\abion\OneDrive\Desktop\Coder\Loggers-Gzip-and-Performance\node_modules\express\lib\router\route.js:116:16
1 0.0% 4.2% Function: ^handle C:\Users\abion\OneDrive\Desktop\Coder\Loggers-Gzip-and-Performance\node_modules\express\lib\router\layer.js:86:49
1 0.0% 4.2% Function: ^assertOffset node:internal/crypto/random:65:22
1 0.0% 4.2% Function: ^write C:\Users\abion\OneDrive\Desktop\Coder\Loggers-Gzip-and-Performance\node_modules\winston-transport\index.js:69:51
1 0.0% 4.2% Function: ^Writable.write node:internal/streams/writable:336:36
1 0.0% 4.2% Function: ^Cookie C:\Users\abion\OneDrive\Desktop\Coder\Loggers-Gzip-and-Performance\node_modules\express-session\session\cookie.js:25:46
1 0.0% 4.2% Function: ^<anonymous> node:internal/validators:115:3

[C++]:
ticks total nonlib name

[Summary]:
ticks total nonlib name
24 0.5% 100.0% JavaScript
0 0.0% 0.0% C++
20 0.4% 83.3% GC
4625 99.5% Shared libraries
```

Resultado de Artillery

```
http.codes.200: ..... 1000
http.request_rate: ..... 220/sec
http.requests: ..... 1000
http.response_time:
  min: ..... 9
  max: ..... 400
  median: ..... 183.1
  p95: ..... 252.2
  p99: ..... 290.1
http.responses: ..... 1000
vusers.completed: ..... 50
vusers.created: ..... 50
vusers.created_by_name.0: ..... 50
vusers.failed: ..... 0
vusers.session_length:
  min: ..... 2090.1
  max: ..... 3884
  median: ..... 3752.7
  p95: ..... 3828.5
  p99: ..... 3905.8
```

Resultado de Autocannon:

```
abion@Mariano MINGW64 ~/OneDrive/Desktop/Coder/Loggers-Gzip-and-Performance (main)
$ npm test
```

```
> motoresdeplantillas@1.0.0 test
```

```
> node benchmark.js
```

```
Running all benchmarks in parallel ...
```

```
Running 20s test @ http://localhost:9095/info
```

```
10 connections
```

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	6 ms	19 ms	37 ms	43 ms	19.63 ms	7.44 ms	78 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	356	356	509	561	496.1	52.88	356
Bytes/Sec	337 kB	337 kB	481 kB	530 kB	469 kB	50 kB	336 kB

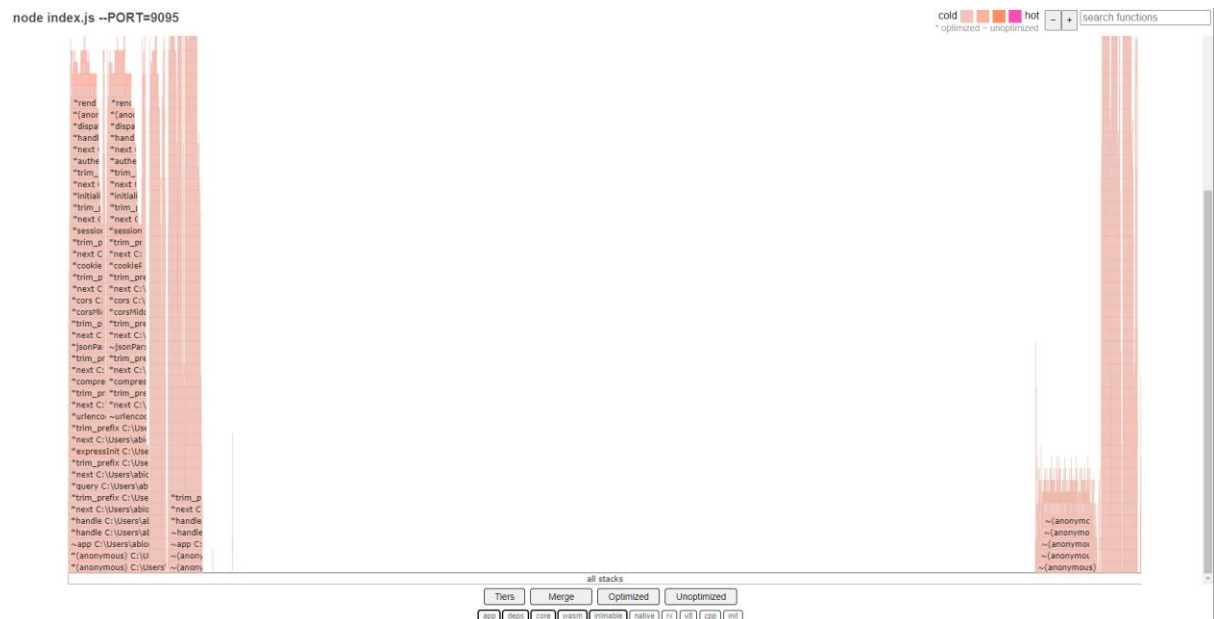
```
Req/Bytes counts sampled once per second.
```

```
# of samples: 20
```

```
10k requests in 20.06s, 9.38 MB read
```

(El servidor es capaz de correr perfectamente el test con un avg de 19.63 ms por tiempo de respuesta promedio)

Flamegraph grafico:



Por lo que muestra el grafico al tener métodos asincrónicos, se obtienen picos de procesamiento altos, pero no bloqueantes como un proceso sincronico. Esto hace el servidor mas eficiente con los recursos dejando mas disponible el servidor