INFORME DESAFIO LOGGERS Y PROFILING

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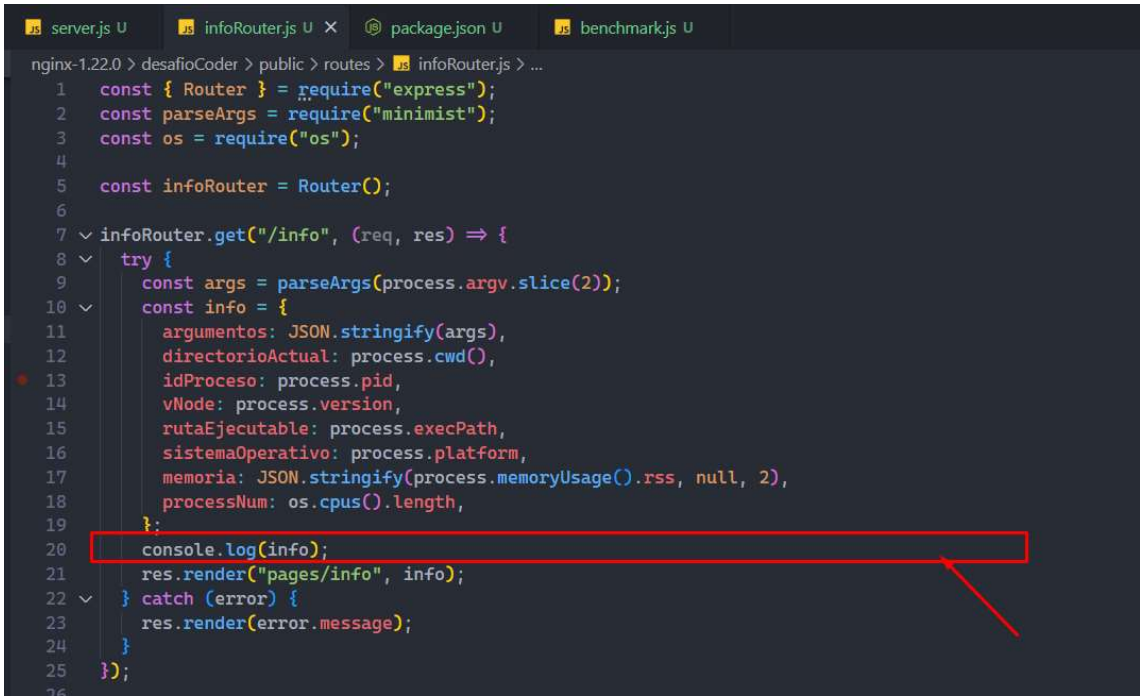
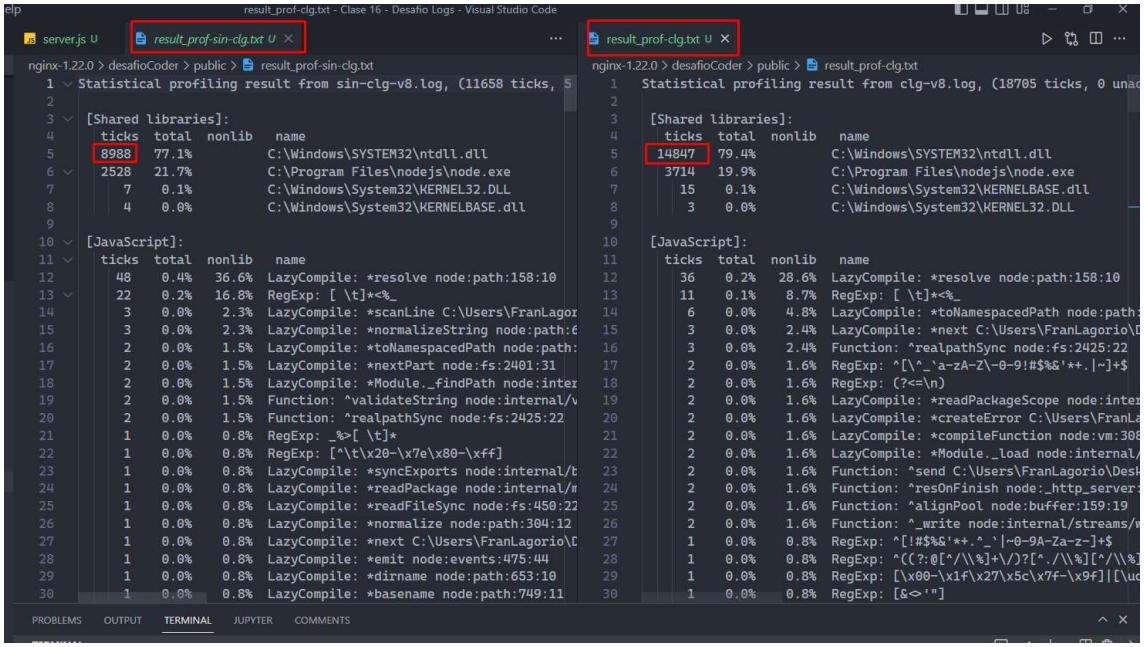
1- PUNTO DONDE PIDE ANALIZAR CON ARTILLERY AGREGANDO Y SACANDO UN CONSOLE.LOG DEL ROUTER DE /INFO





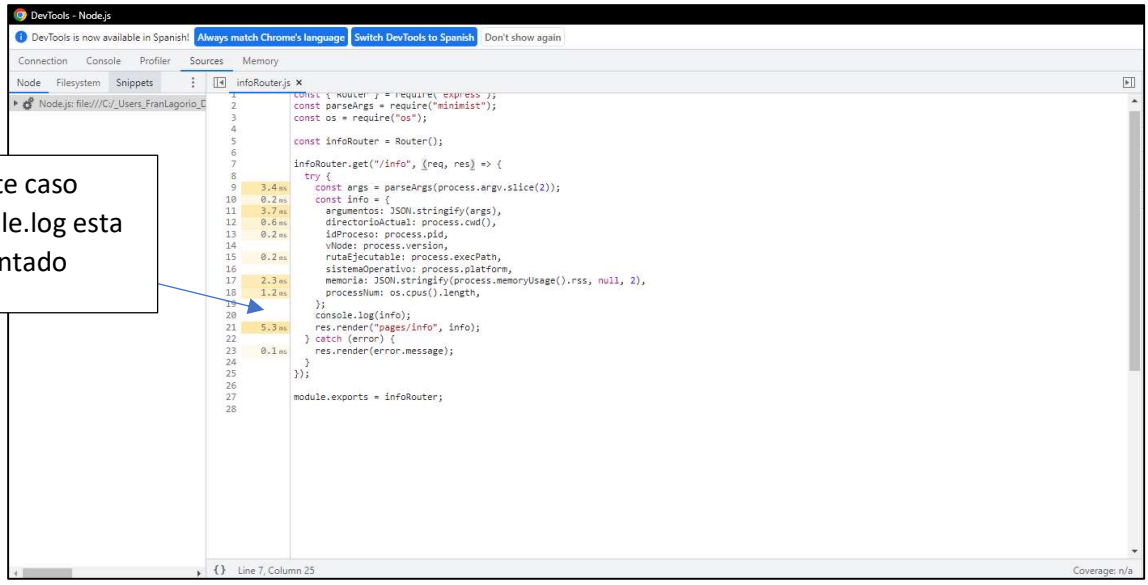
Como se observa los ticks son mucho mayores en el caso de los console.log.

Según lo que encontré un tick es:

```
Statistical profiling result from isolate-0x10295c000-41373-v8.log, (761 ticks, 40 unaccounted, 0 excluded).
```

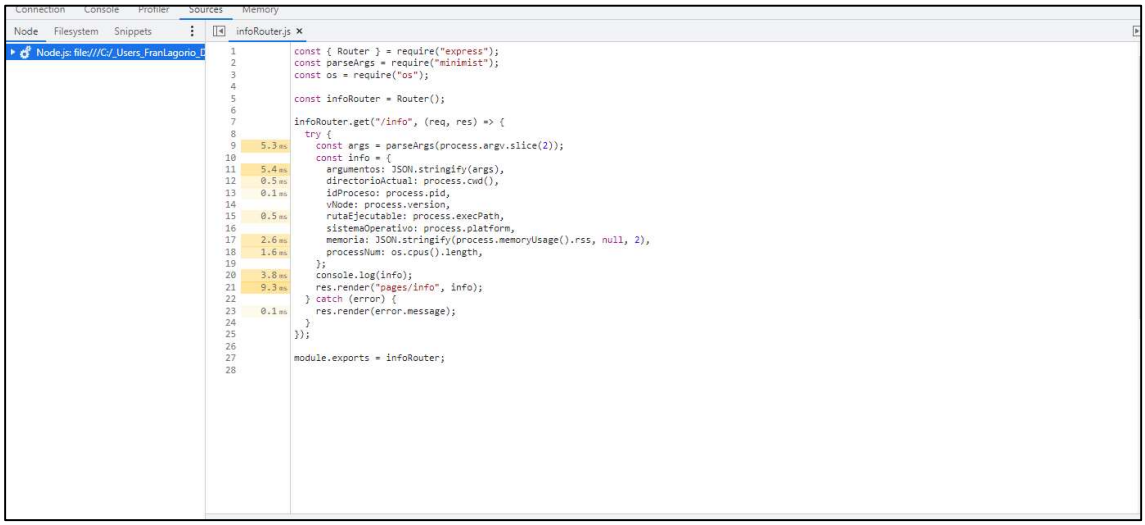
La primera línea dice que la aplicación ha usado 761 tics para ejecutar la aplicación. Un tic es como un ciclo de reloj utilizado por un proceso de nodo. Entonces, en teoría, la aplicación tardó 761 ciclos de reloj en ejecutarse. También puede encontrar una sección de resumen que desglosa el código JavaScript vs C++.

Autocannon SIN console log



En este caso console.log esta comentado

Autocannon CON console.log



<u>Conclusión</u>:

Como se observa el console.log hace que el render tarde 4 ms más.

Autocannon SIN console log

```
C:\Windows\System32\cmd.exe
npm WARN config global `--global`, `--local` are deprecated. Use `--location=global` instead.

> socket-starter-repo@1.0.0 test
> node benchmark.js

Running all benchmarks in parallel ...
Running 20s test @ http://localhost:8080/info
100 connections
```

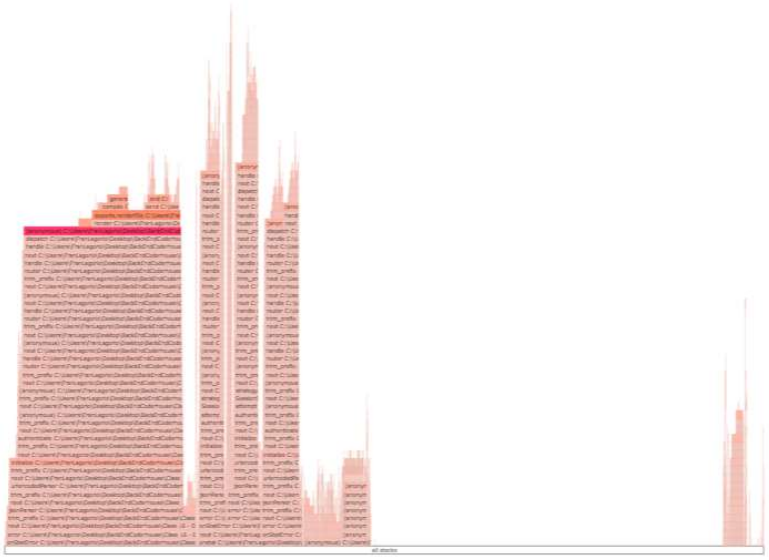
Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	1112 ms	1251 ms	2093 ms	2220 ms	1343.28 ms	256.01 ms	2449 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	0	0	990	1071	874.6	285.18	222
Bytes/Sec	0 B	0 B	2.75 MB	2.98 MB	2.43 MB	793 kB	617 kB

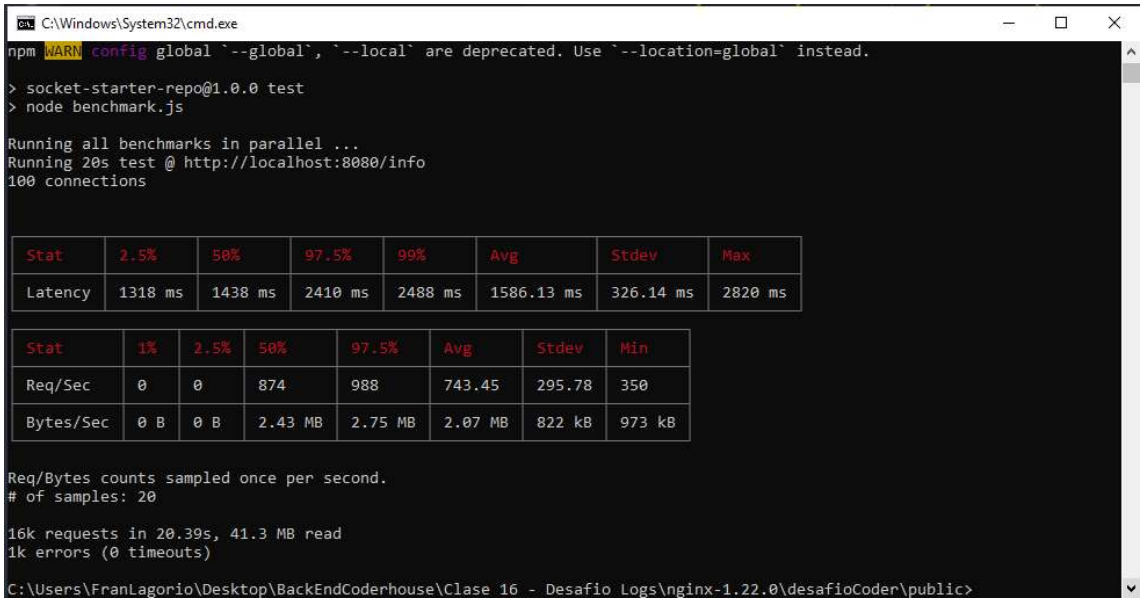
```
Req/Bytes counts sampled once per second.
# of samples: 20

19k requests in 20.22s, 48.6 MB read
1k errors (0 timeouts)

C:\Users\FranLagorio\Desktop\BackEndCoderhouse\Clase 16 - Desafio Logs\nginx-1.22.0\desafioCoder\public>
```



Autocannon CON console.log



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> socket-starter-repo@1.0.0 test
> node benchmark.js

Running all benchmarks in parallel ...
Running 20s test @ http://localhost:8080/info
100 connections
```

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	1318 ms	1438 ms	2410 ms	2488 ms	1586.13 ms	326.14 ms	2820 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	0	0	874	988	743.45	295.78	350
Bytes/Sec	0 B	0 B	2.43 MB	2.75 MB	2.07 MB	822 kB	973 kB

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

16k requests in 20.39s, 41.3 MB read
1k errors (0 timeouts)

C:\Users\FranLagorio\Desktop\BackEndCoderhouse\Clase 16 - Desafio Logs\nginx-1.22.0\desafioCoder\public>
```

<u>Conclusión</u>:

El promedio de latencia es mayor con el console.log.