

Ir a la ruta /info con y sin compresión, ver la diferencia de cantidad de bytes generados en un caso y otro

Con Compresión

Name	Status	Type	Indicator	Size	Time	Waterfall
info	200	document	Other	1.1 kB	604 ms	

Sin compresión

Name	Status	Type	Indicator	Size	Time	Waterfall
info	200	document	Other	2.3 kB	496 ms	

Test de performance sobre la ruta /info

El test con --prof de node.js, analizando los resultados obtenidos luego de procesarlos con **--prof-process**.

Request realizadas usando **Artillery**

Con console.log

[Summary]:

ticks	total	nonlib	name
166	3.0%	6.4%	JavaScript
2429	43.3%	93.5%	C++
141	2.5%	5.4%	GC
3008	53.6%		Shared libraries
4	0.1%		Unaccounted

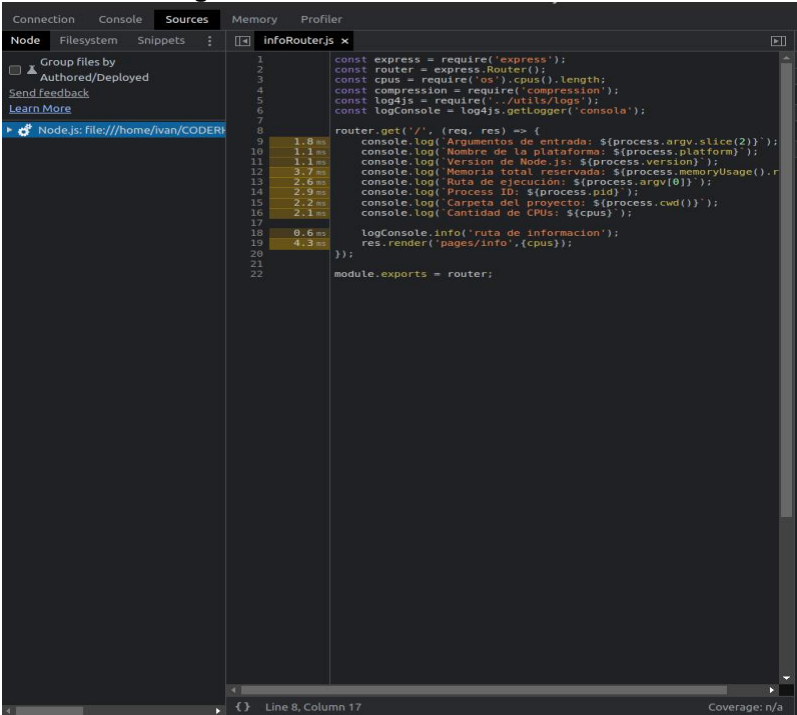
Sin console.log

[Summary]:

ticks	total	nonlib	name
202	3.8%	8.2%	JavaScript
2246	41.8%	91.6%	C++
143	2.7%	5.8%	GC
2924	54.4%		Shared libraries
3	0.1%		Unaccounted

Pruebas utilizando **Autocannon** en línea de comandos, emulando 100 conexiones concurrentes realizadas en un tiempo de 20 segundos

Con console.log



Node.js v18.4.0
ivan@ivan-desktop:~/CODERHOUSE PROGRAMACION BACKEND 2022/DESAFIO 16\$ autocannon -d 20 -c 100 "http://localhost:8080/info"
Running 20s test @ http://localhost:8080/info
100 connections

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	6 ms	421 ms	8717 ms	8731 ms	1521.61 ms	2623.18 ms	8737 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	0	0	3	73	6.4	15.48	1
Bytes/Sec	0 B	0 B	7.13 kB	174 kB	15.2 kB	36.8 kB	2.38 kB

Req/Bytes counts sampled once per second.
of samples: 20
328 requests in 20.04s, 304 kB read
100 errors (100 timeouts)

Sin console.log

```
ivan@ivan-desktop:~/CODERHOUSE PROGRAMACION BACKEND 2022/DESAFIO 16$ autocannon -d 20 -c 100 "http://localhost:8080/info"
Running 20s test @ http://localhost:8080/info
100 connections
```

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	344 ms	2710 ms	4097 ms	4136 ms	2549.06 ms	767.82 ms	4183 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	0	0	46	56	36.75	21.22	1
Bytes/Sec	0 B	0 B	109 kB	133 kB	87.4 kB	50.5 kB	2.38 kB

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

835 requests in 20.04s, 1.75 MB read

```
ivan@ivan-desktop:~/CODERHOUSE PROGRAMACION BACKEND 2022/DESAFIO 16$
```

```
console.js  infoRouter.js x
1  const express = require('express');
2  const router = express.Router();
3  const cpus = require('os').cpus().length;
4  const compression = require('compression');
5  const log4js = require('log4js');
6  const logConsole = log4js.getLogger('consola');
7
8  router.get('/', (req, res) => {
9    /* console.log('Argumentos de entrada: ${process.argv.slice(2)}');
10     console.log('Nombre de la plataforma: ${process.platform}');
11     console.log('Version de Node.js: ${process.version}');
12     console.log('Memoria total reservada: ${process.memoryUsage().rss}');
13     console.log('Ruta de ejecución: ${process.argv[0]}');
14     console.log('Process ID: ${process.pid}');
15     console.log('Carpeta del proyecto: ${process.cwd()}');
16     console.log('Cantidad de CPUs: ${cpus}'); */
17
18     logConsole.info('ruta de informacion');
19     res.render('pages/info', {cpus});
20   });
21
22   module.exports = router;
```