

## Consigna 1:

El peso del documento de la ruta /info sin gzip (3kb):

Name	Status	Type	Initiator	Size	Time	Waterfall
info	200	document	Other	3.0 kB	95 ms	

El peso del documento de la ruta /info con gzip (1,4kb):

Name	Status	Type	Initiator	Size	Time	Waterfall
info	200	document	Other	1.4 kB	94 ms	

## Consigna 2:

**--prof**

Sin loguear los datos de info:

```
[Summary]:
  ticks  total  nonlib   name
    4    0.1%  100.0%  JavaScript
    0    0.0%   0.0%    C++
    4    0.1%  100.0%    GC
 2877   99.9%                 Shared libraries
```

Logueando los datos de info:

```
[Summary]:
  ticks  total  nonlib   name
    1    0.1%  100.0%  JavaScript
    0    0.0%   0.0%    C++
    7    0.4%  700.0%    GC
 1649   99.9%                 Shared libraries
```

**--inspect**

```

    })

    0.2 ms router.get('/info', (_req, res) => {
    0.8 ms   let args = process.argv;
    0.2 ms   let so = process.platform;
    0.3 ms   let nodeVer = process.version;
    1.3 ms   let rss = process.memoryUsage.rss();
           let execPath = process.execPath;
    0.3 ms   let pId = process.pid;
           let folder = process.cwd();
    0.7 ms   let cores = os.cpus().length;
    16.2 ms   res.render("pages/info", {args, so, nodeVer, rss, execPath, pId, folder, cores});
    7.6 ms   console.log({args, so, nodeVer, rss, execPath, pId, folder, cores});
           })

```

## 0x y Autocannon

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

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	164 ms	964 ms	1411 ms	1869 ms	907.59 ms	277.72 ms	2011 ms

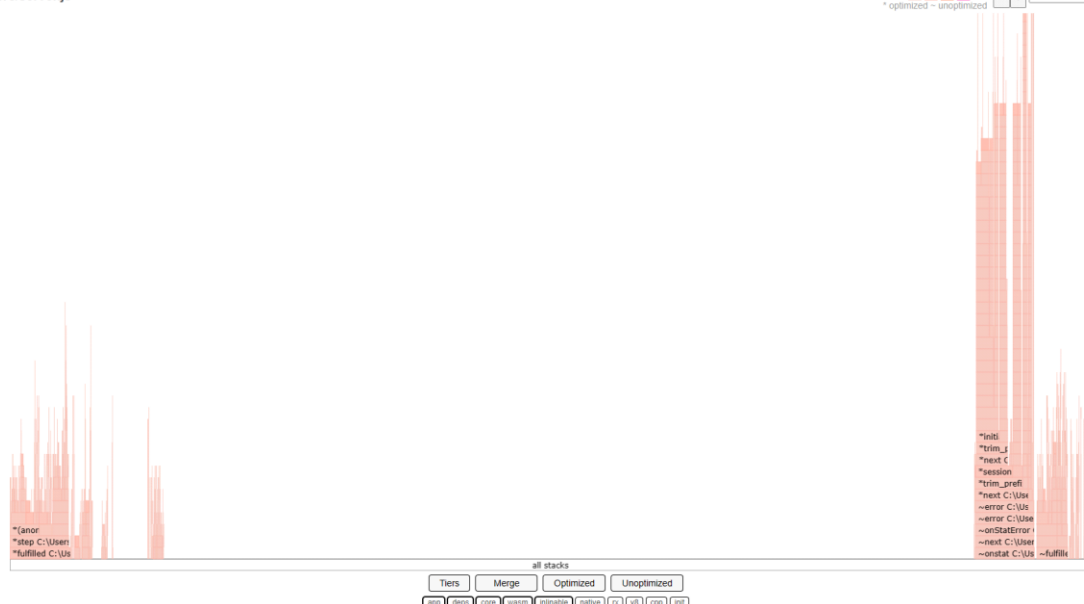
Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	27	27	111	123	106.95	19.62	27
Bytes/Sec	87.3 kB	87.3 kB	359 kB	398 kB	346 kB	63.4 kB	87.3 kB

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

2k requests in 20.11s, 6.91 MB read

node ./src/server.js

cold hot  
\* optimized - unoptimized



El proceso mas bloqueante es Handlebars.