

# Pruebas en ruta /info con Loggers

Usuario@Martin MINGW64 /c/backend/desafio (loggers)

\$ npm test

> @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	834 ms	1011 ms	2000 ms	2121 ms	1087.73 ms	290.13 ms	2752 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	0	0	95	109	89.95	21.36	76
Bytes/Sec	0 B	0 B	130 kB	149 kB	123 kB	29.2 kB	104 kB

Req/Bytes counts sampled once per second.

# of samples: 20

2k requests in 20.15s, 2.46 MB read

Usuario@Martin MINGW64 /c/backend/desafio (loggers)

\$

Generador de perfiles				Consola	Fuentes	Memoria
Perfiles				Pesado (de abajo hacia arriba)		
PERFILES CPU						
Perfil 1	Guardar	Tiempo individual	Tiempo total	Función		
		8579.5 ms	8579.5 ms	(idle)		
		1500.2 ms	8.62%	2000.0 ms	11.43%	consoleCall
		1091.9 ms	6.24%	7823.5 ms	44.72%	callLexerFunction
		928.5 ms	5.31%	4565.5 ms	26.10%	lex
		521.5 ms	2.98%	521.5 ms	2.98%	open
		519.4 ms	2.97%	519.4 ms	2.97%	(garbage collector)
		517.9 ms	2.96%	3054.3 ms	17.46%	recurse
		453.7 ms	2.59%	453.7 ms	2.59%	wordsRegexp
		448.4 ms	2.56%	580.3 ms	3.32%	parse
		438.9 ms	2.51%	438.9 ms	2.51%	stat
		432.3 ms	2.47%	432.3 ms	2.47%	(program)
		409.2 ms	2.34%	409.2 ms	2.34%	State.current
		365.4 ms	2.09%	6363.5 ms	36.37%	load
		361.4 ms	2.07%	361.4 ms	2.07%	writeUTFString
		358.3 ms	2.05%	540.2 ms	3.09%	unwrapReturns
		345.0 ms	1.97%	769.5 ms	4.40%	parseChar
		320.6 ms	1.83%	17434.1 ms	99.65%	walkAST
		289.1 ms	1.65%	289.1 ms	1.65%	stringify
		225.5 ms	1.29%	225.5 ms	1.29%	writev
		180.4 ms	1.03%	873.3 ms	4.99%	recurse
		140.1 ms	0.80%	10129.1 ms	57.90%	(anónimas)
		113.3 ms	0.65%	528.7 ms	3.02%	parseUntil
		102.4 ms	0.59%	105.6 ms	0.60%	writeBuffer
		101.8 ms	0.58%	3520.7 ms	20.12%	advance
		101.8 ms	0.58%	101.8 ms	0.58%	read
		94.9 ms	0.54%	94.9 ms	0.54%	close
		91.5 ms	0.52%	91.5 ms	0.52%	getOptions
		80.9 ms	0.46%	83.8 ms	0.48%	scan
		77.9 ms	0.45%	85.9 ms	0.49%	Tokenizer
		76.1 ms	0.44%	76.1 ms	0.44%	fstat
		75.5 ms	0.43%	106.2 ms	0.61%	readString
		75.0 ms	0.43%	316.3 ms	1.81%	getTokenFromCode
		74.7 ms	0.43%	74.7 ms	0.43%	get
		72.4 ms	0.41%	281.8 ms	1.61%	toConstant
		70.2 ms	0.40%	70.3 ms	0.40%	scanEndOfLine
		68.9 ms	0.39%	713.6 ms	4.08%	attributeValue



## Pruebas en ruta /info con Console.log

```
Usuario@Martin MINGW64 /c/backend/desafio (loggers)
$ npm test
```

```
> 8@1.0.0 test
> node benchmark.js
```

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

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	837 ms	1010 ms	1964 ms	2059 ms	1083.42 ms	278.25 ms	2733 ms

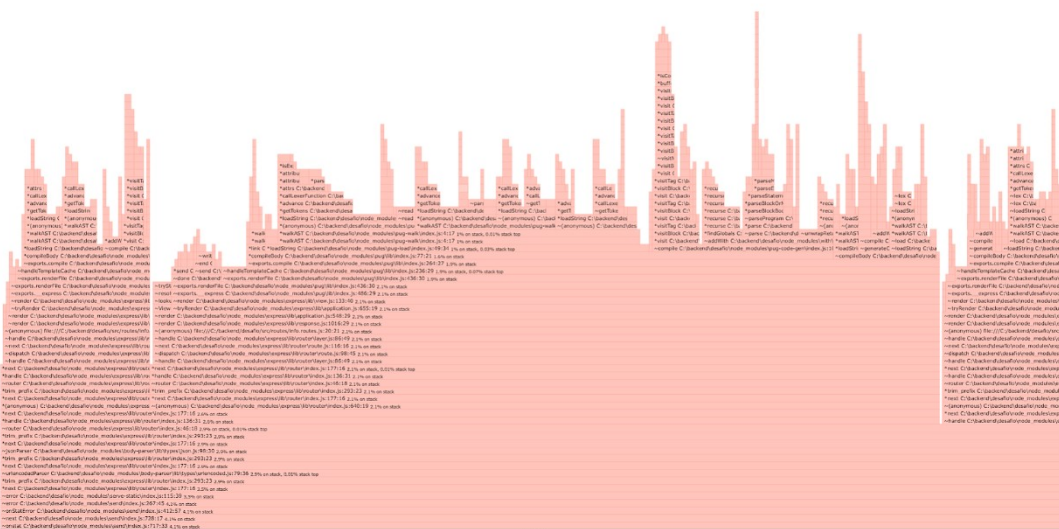
Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	1	1	95	104	89.85	20.73	1
Bytes/Sec	1.37 kB	1.37 kB	130 kB	142 kB	123 kB	28.4 kB	1.37 kB

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

2k requests in 20.17s, 2.46 MB read

```
Usuario@Martin MINGW64 /c/backend/desafio (loggers)
$
```

cold  hot         search functions



all 12

Tiers Merge Optimized Unoptimized

Conclusión: Aumenta mínimamente la velocidad de respuesta al utilizar loggers en reemplazo del console.log