

# DESAFIO 22 – BACKEND CODERHOUSE

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# COMPARACIÓN RENDIMIENTO KOA VS EXPRESS

# Express GET – 1ra Ruta

- <http://localhost:8080/api?query=%7B%0A%20%20products%20%7B%0A%20%20%20%20id%0A%20%20%20%20title%0A%20%20%20%20price%0A%20%20%20%20thumbnail%0A%20%20%20%20timestamp%0A%20%20%20%20%7D%0A%7D%0A>

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL GITLENS JUPYTER COMMENTS

humbnail%0A%20%20%20%20timestamp%0A%20%20%20%7D%0A%7D%0A"  
Running 20s test @ http://localhost:8080/api?query=%7B%0A%20%20products%20%7B%0A%20%20%20%20id%0A%20%20%20%20title%0A%20%20%20%20price%0A%20%20%20%20thumbnail%0A%20%20%20%20timestamp%0A%20%20%20%20%7D%0A%7D%0A  
100 connections

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	171 ms	237 ms	352 ms	426 ms	243.09 ms	53.59 ms	464 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	310	310	401	500	411.15	58.36	310
Bytes/Sec	112 kB	112 kB	145 kB	181 kB	148 kB	21.1 kB	112 kB

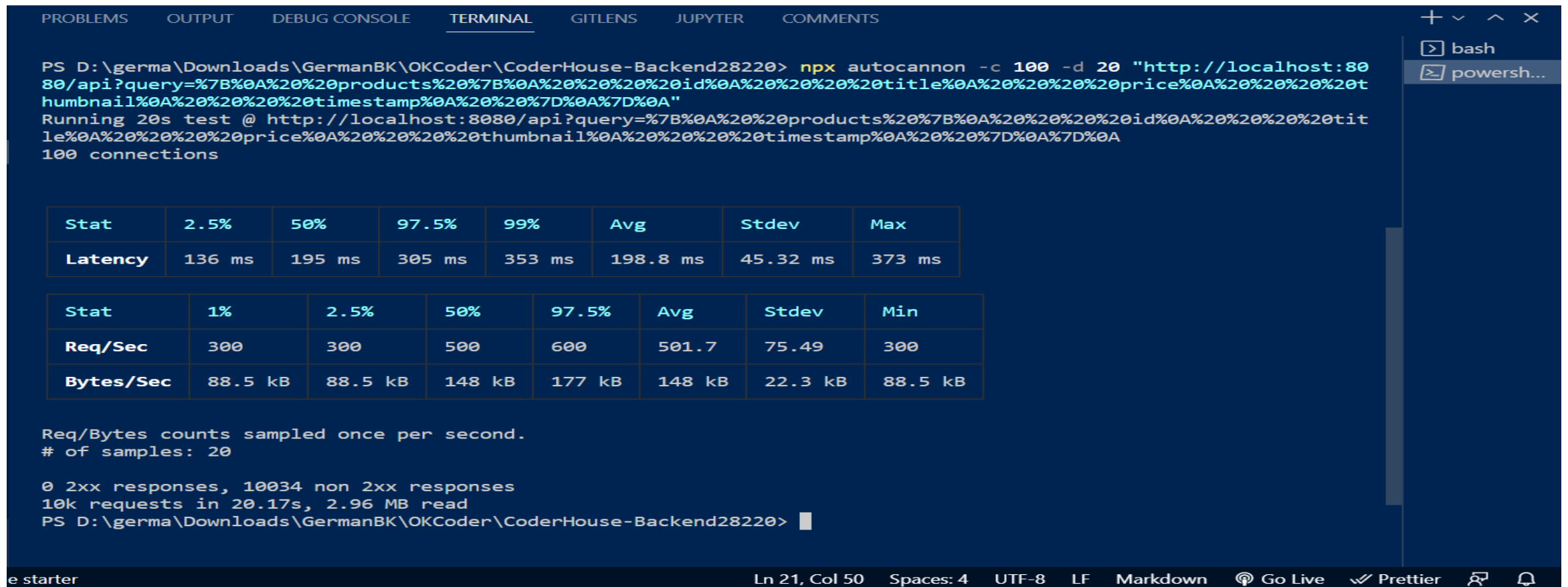
Req/Bytes counts sampled once per second.  
# of samples: 20  
  
0 2xx responses, 8223 non 2xx responses  
8k requests in 20.19s, 2.97 MB read  
PS D:\germa\Downloads\GermanBK\OKCoder\CoderHouse-Backend28220>

bash  
powersh...

starter Ln 13, Col 32 Spaces: 4 UTF-8 LF Markdown Go Live Prettier

# Koa GET – 1ra Ruta

- <http://localhost:8080/api?query=%7B%0A%20%20products%20%7B%0A%20%20%20%20id%0A%20%20%20%20title%0A%20%20%20%20price%0A%20%20%20%20thumbnail%0A%20%20%20%20timestamp%0A%20%20%7D%0A%7D%0A>



The screenshot shows a VS Code terminal window with the following content:

```
PS D:\germa\Downloads\GermanBK\OKCoder\CoderHouse-Backend28220> npx autocannon -c 100 -d 20 "http://localhost:8080/api?query=%7B%0A%20%20products%20%7B%0A%20%20%20%20id%0A%20%20%20%20title%0A%20%20%20%20price%0A%20%20%20%20thumbnail%0A%20%20%20%20timestamp%0A%20%20%7D%0A%7D%0A"
Running 20s test @ http://localhost:8080/api?query=%7B%0A%20%20products%20%7B%0A%20%20%20%20id%0A%20%20%20%20title%0A%20%20%20%20price%0A%20%20%20%20thumbnail%0A%20%20%20%20timestamp%0A%20%20%7D%0A%7D%0A
100 connections
```

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	136 ms	195 ms	305 ms	353 ms	198.8 ms	45.32 ms	373 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	300	300	500	600	501.7	75.49	300
Bytes/Sec	88.5 kB	88.5 kB	148 kB	177 kB	148 kB	22.3 kB	88.5 kB

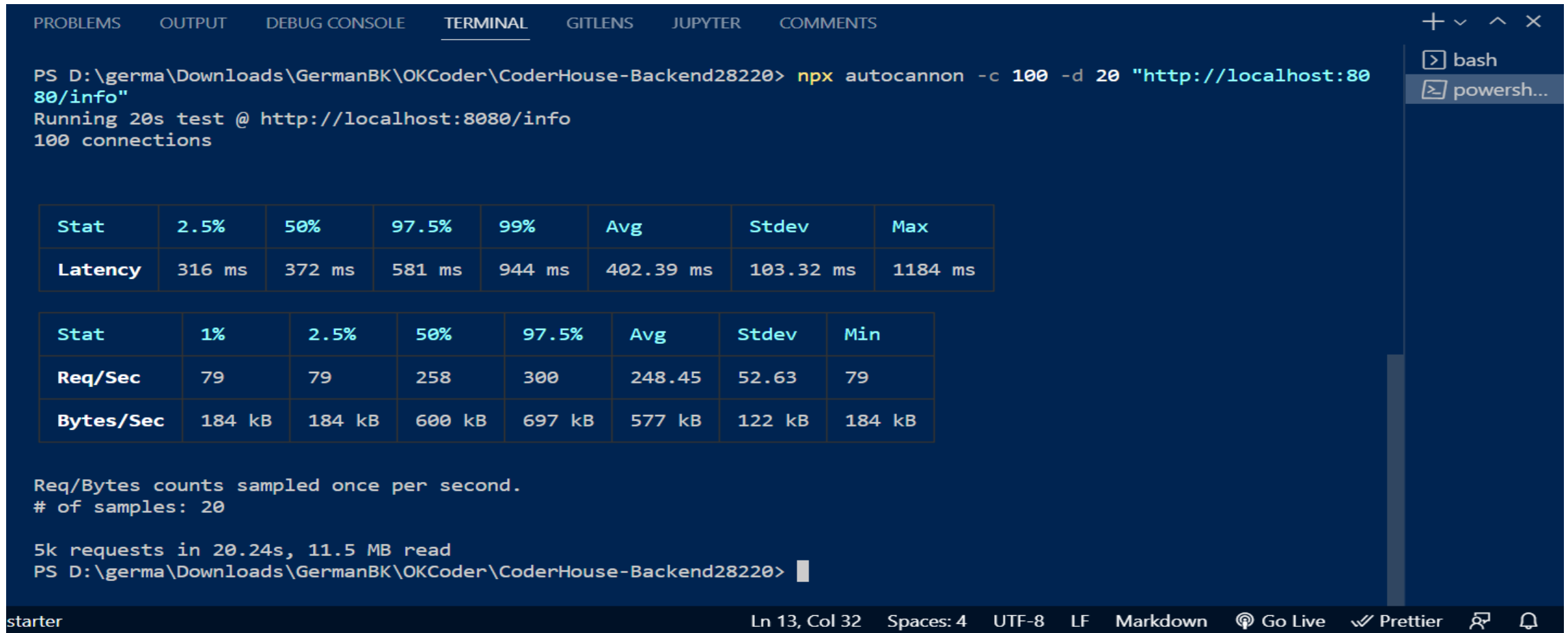
Req/Bytes counts sampled once per second.  
# of samples: 20

0 2xx responses, 10034 non 2xx responses  
10k requests in 20.17s, 2.96 MB read  
PS D:\germa\Downloads\GermanBK\OKCoder\CoderHouse-Backend28220>

The terminal window includes a sidebar on the right with tabs for 'bash' and 'powersh...'. The bottom status bar shows 'Ln 21, Col 50', 'Spaces: 4', 'UTF-8', 'LF', 'Markdown', 'Go Live', 'Prettier', and other icons.

# Express GET – 2da Ruta

- <http://localhost:8080/info>



The screenshot shows a VS Code terminal window with the following content:

```
PS D:\germa\Downloads\GermanBK\OKCoder\CoderHouse-Backend28220> npx autocannon -c 100 -d 20 "http://localhost:8080/info"
Running 20s test @ http://localhost:8080/info
100 connections
```

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	316 ms	372 ms	581 ms	944 ms	402.39 ms	103.32 ms	1184 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	79	79	258	300	248.45	52.63	79
Bytes/Sec	184 kB	184 kB	600 kB	697 kB	577 kB	122 kB	184 kB

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

5k requests in 20.24s, 11.5 MB read  
PS D:\germa\Downloads\GermanBK\OKCoder\CoderHouse-Backend28220> █

The terminal window includes a sidebar on the right with tabs for 'bash' and 'powersh...'. The bottom status bar shows 'starter', 'Ln 13, Col 32', 'Spaces: 4', 'UTF-8', 'LF', 'Markdown', 'Go Live', 'Prettier', and icons for a chat window and a notification bell.

# Koa GET – 2da Ruta

- <http://localhost:8080/info>

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL GITLENS JUPYTER COMMENTS

PS D:\germa\Downloads\GermanBK\OKCoder\CoderHouse-Backend28220> npx autocannon -c 100 -d 20 "http://localhost:8080/info"  
Running 20s test @ http://localhost:8080/info  
100 connections

Stat	2.5%	50%	97.5%	99%	Avg	Stdev	Max
Latency	205 ms	263 ms	482 ms	666 ms	281.77 ms	78.43 ms	813 ms

Stat	1%	2.5%	50%	97.5%	Avg	Stdev	Min
Req/Sec	203	203	375	428	356.95	58.14	203
Bytes/Sec	459 kB	459 kB	847 kB	967 kB	806 kB	131 kB	459 kB

Req/Bytes counts sampled once per second.  
# of samples: 20  
  
7k requests in 20.35s, 16.1 MB read  
PS D:\germa\Downloads\GermanBK\OKCoder\CoderHouse-Backend28220>

+ v ^ x  
[>] bash  
[>] powersh...