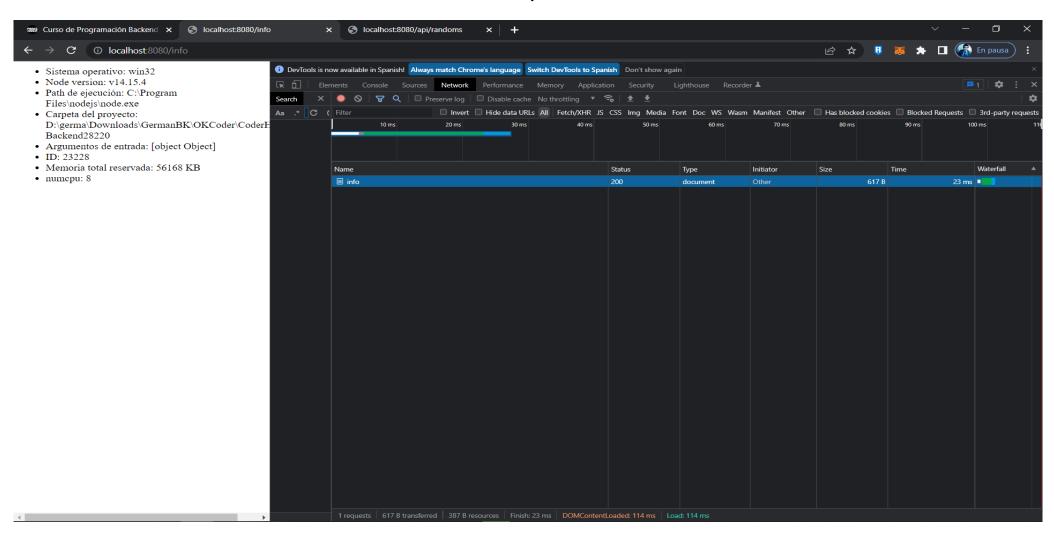
DESAFIO 16 – BACKEND CODERHOUSE

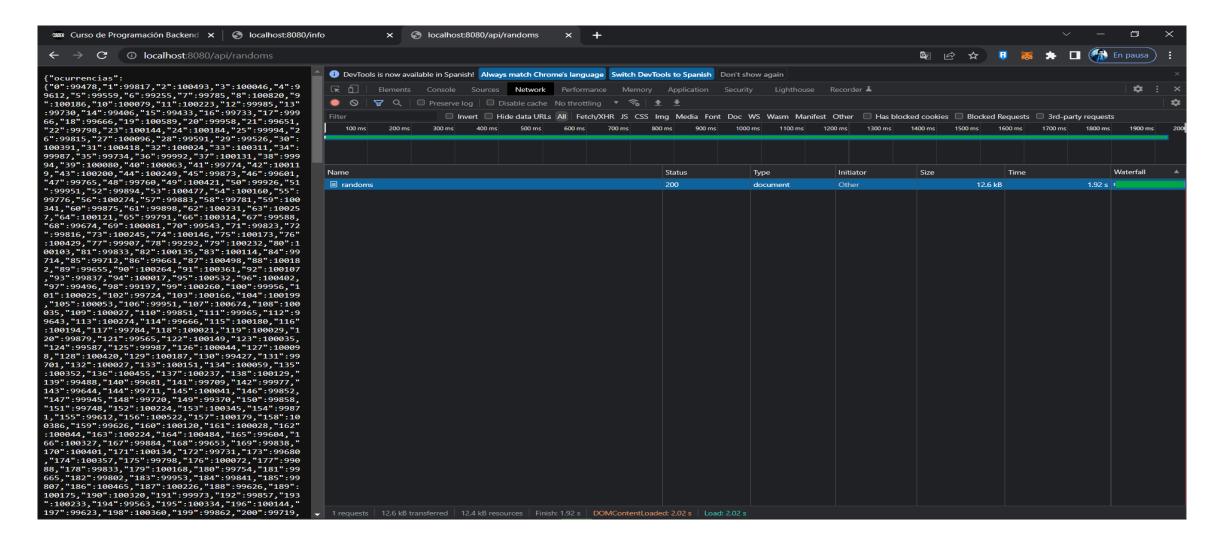
GERMÁN ALFONSO LOAIZA PINTO CURSADA 28220 2022 - ABRIL

Sin/Con Compresión

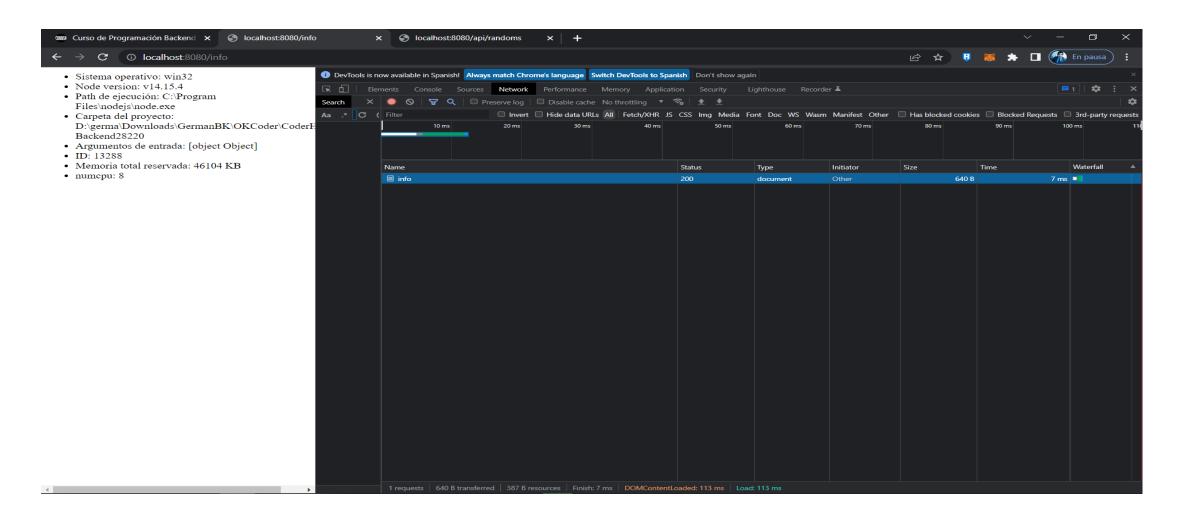
Sin compresión



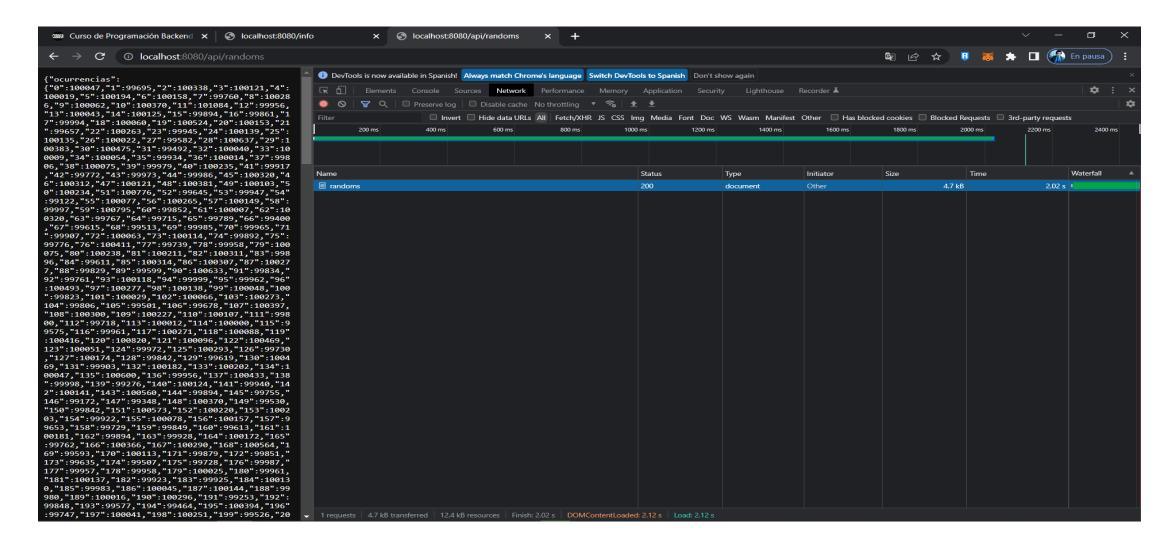
Sin compresión



Con compresión

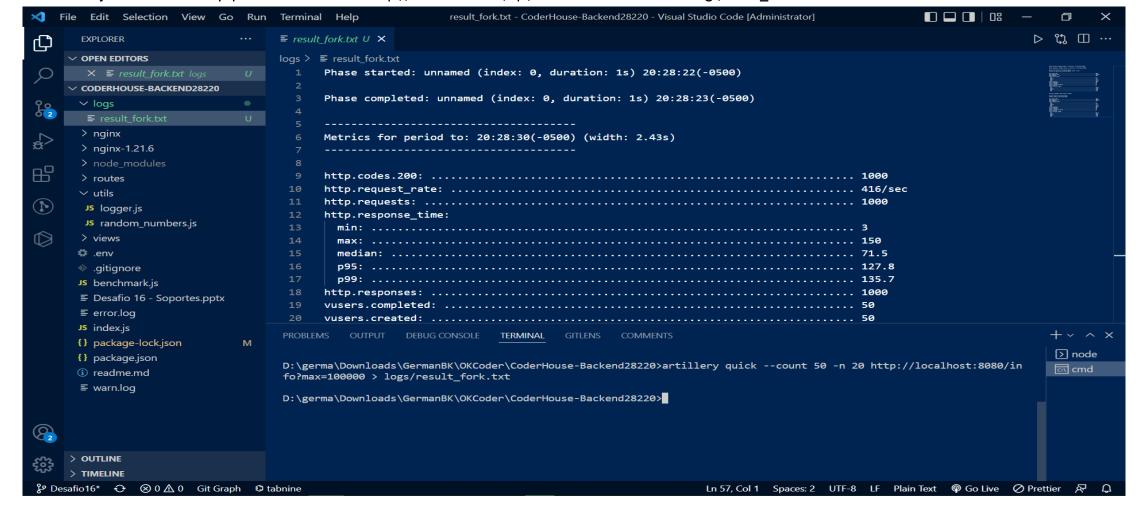


Con compresión

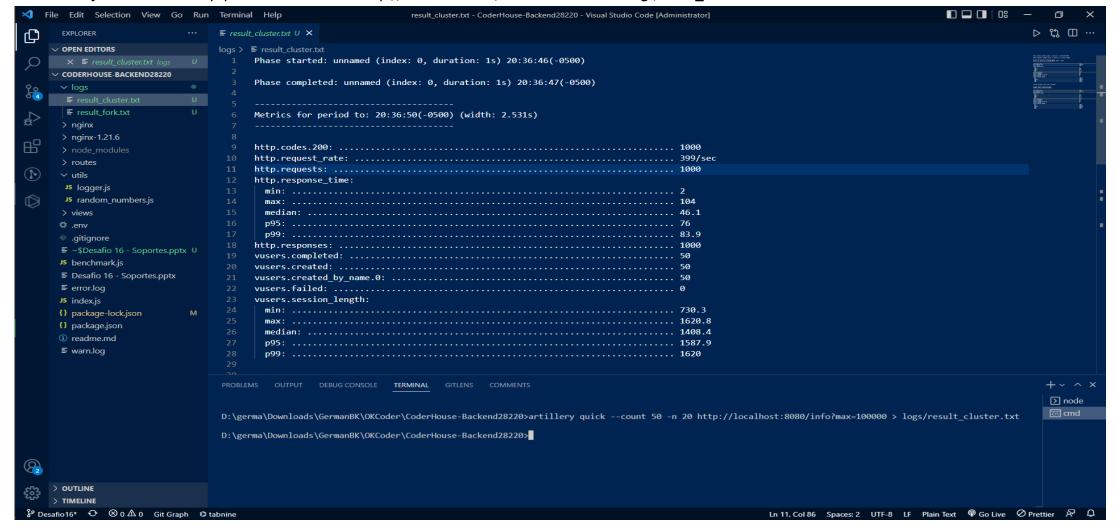


ARTILLERY

- Instalamos artillery "npm i artillery –g"
- Ejecutamos proyecto "node index.js 8080 -m fork"
- Ejecutamos "artillery quick --count 50 -n 20 http://localhost:8080/api/randoms?max=100000 > logs/result_fork.txt"

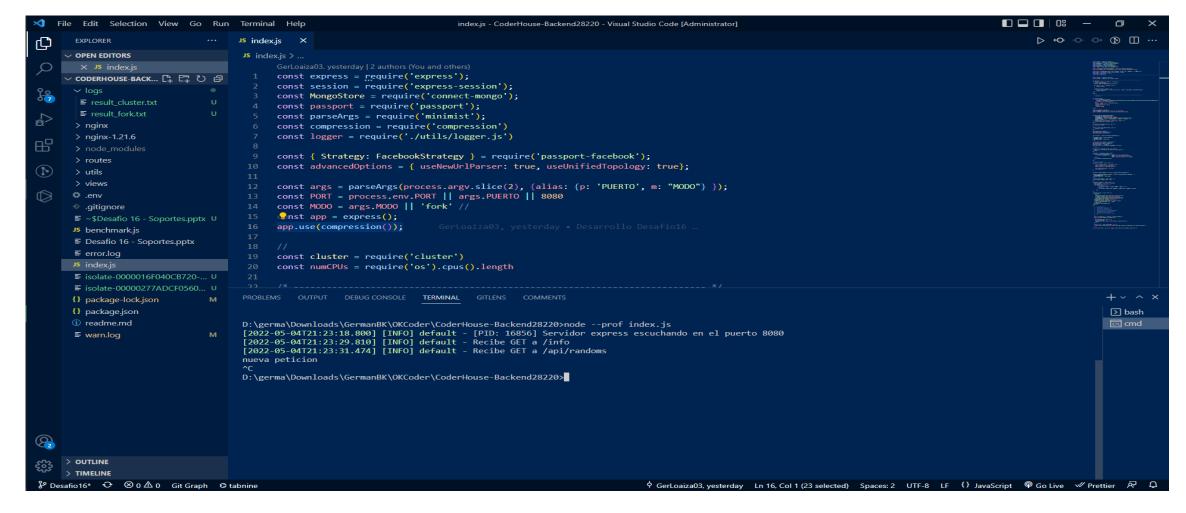


- Ejecutamos proyecto "node index.js 8080 -m cluster"
- Ejecutamos "artillery quick --count 50 -n 20 http://localhost:8080/info?max=100000 > logs/result_cluster.txt"

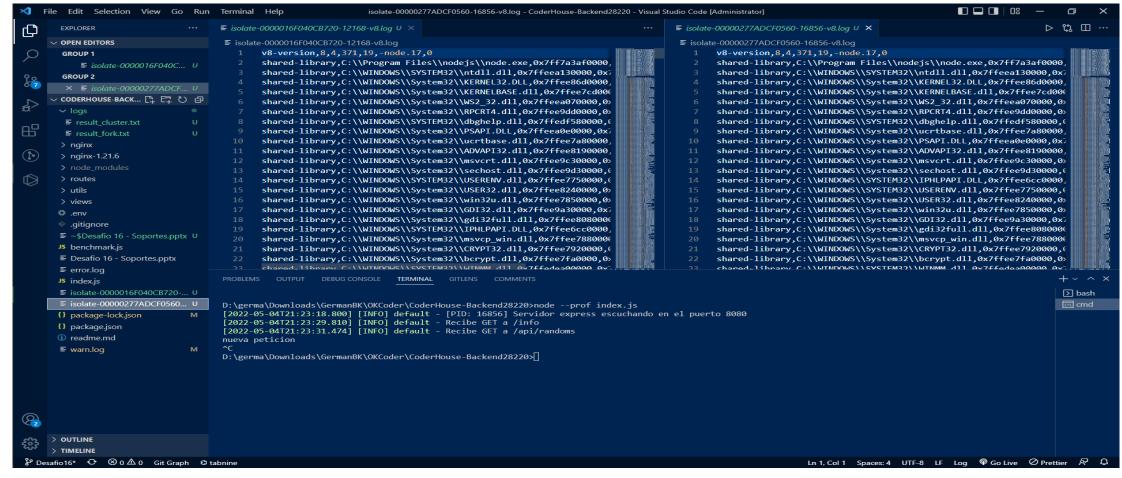


PROFILING

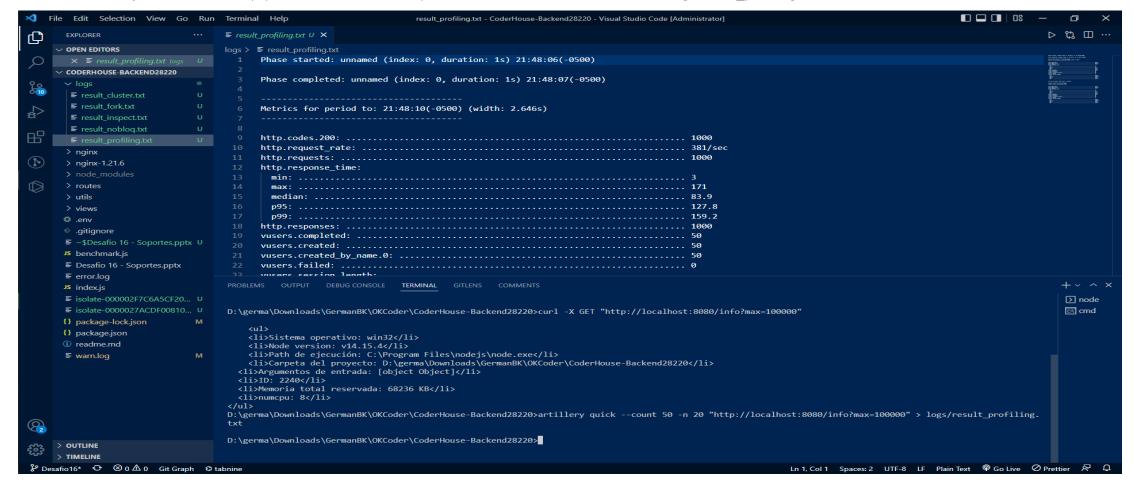
Ejecutamos proyecto "node –prof index.js"



Nos genera archivos *.log.

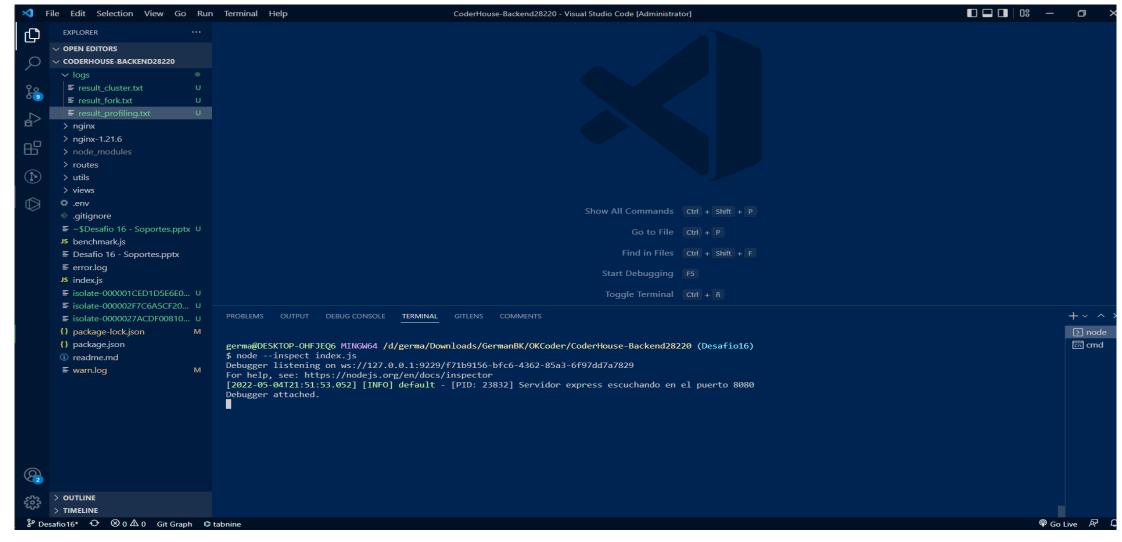


• Ejecutamos "artillery quick --count 50 -n 20 http://localhost:8080/info?max=100000 > logs/result_profiling.txt"

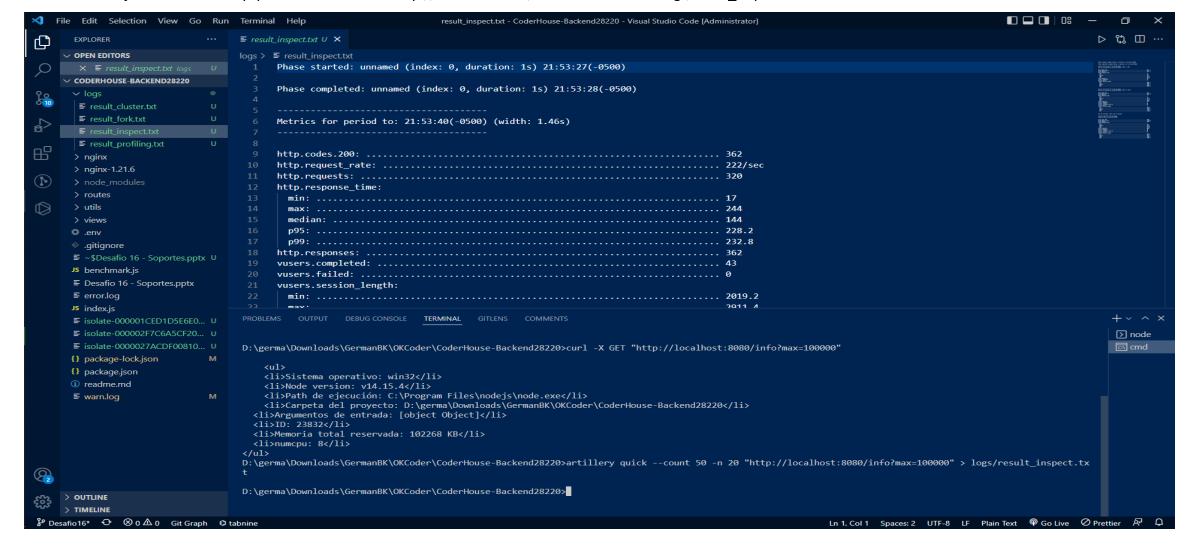


INSPECT

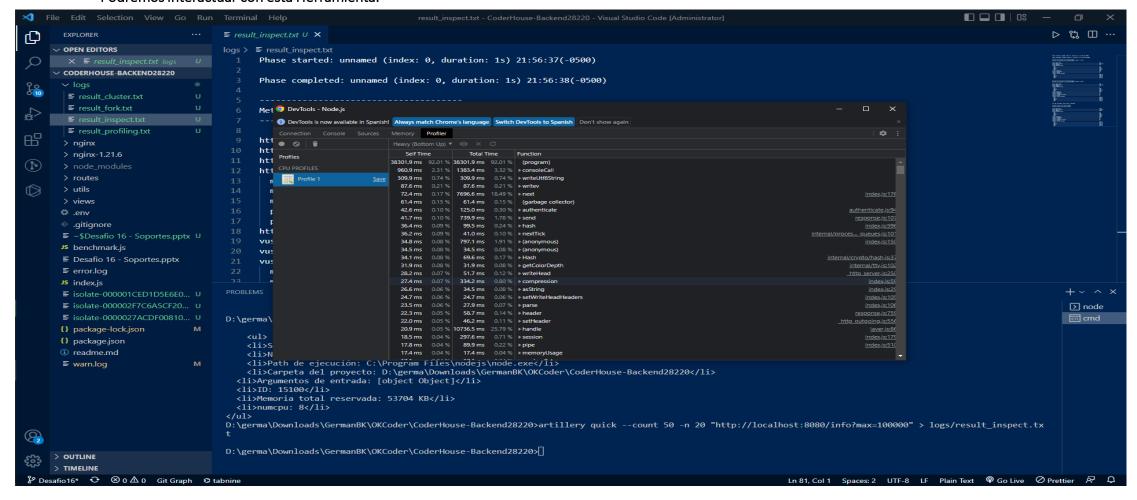
Ejecutamos proyecto "node –inspect index.js"

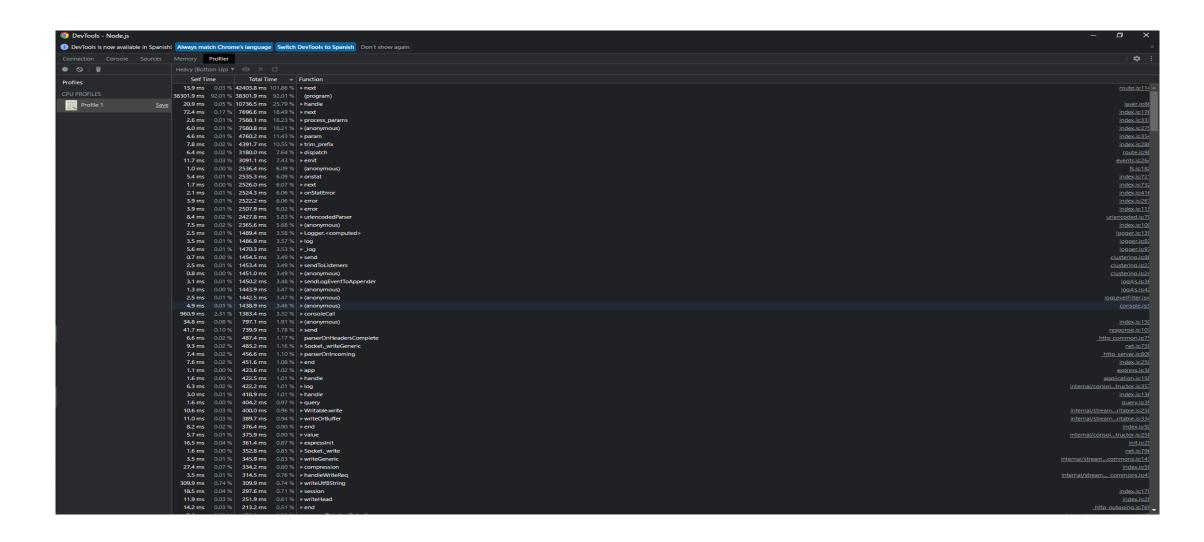


• Ejecutamos "artillery quick --count 50 -n 20 http://localhost:8080/info?max=100000 > logs/result_inspect.txt"



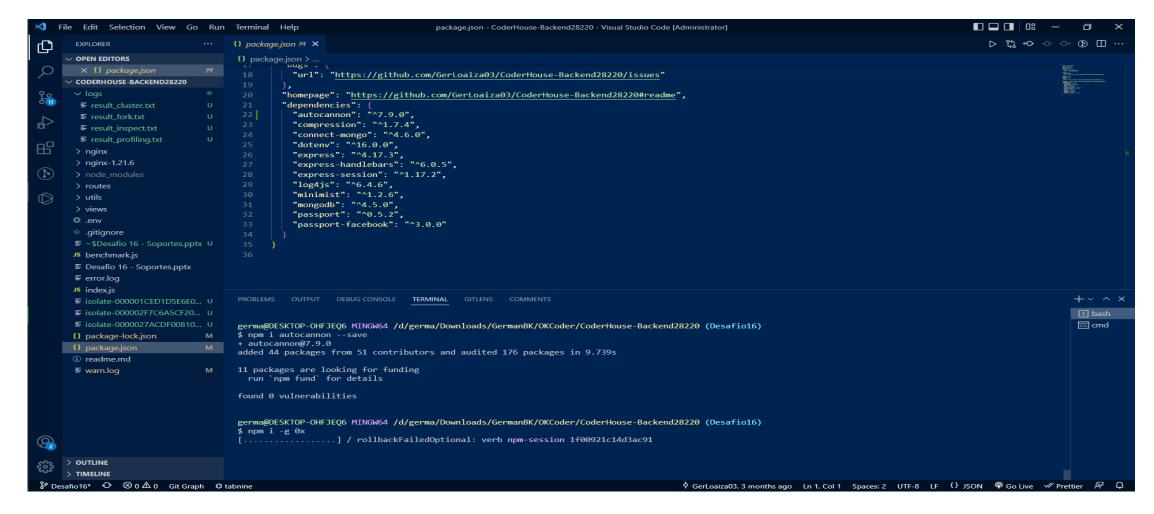
- Abrimos Chrome, e ingresamos la siguiente ruta "chrome://inspect/"
- Open dedicated DevTools for Node
- Podremos interactuar con esta Herramienta.



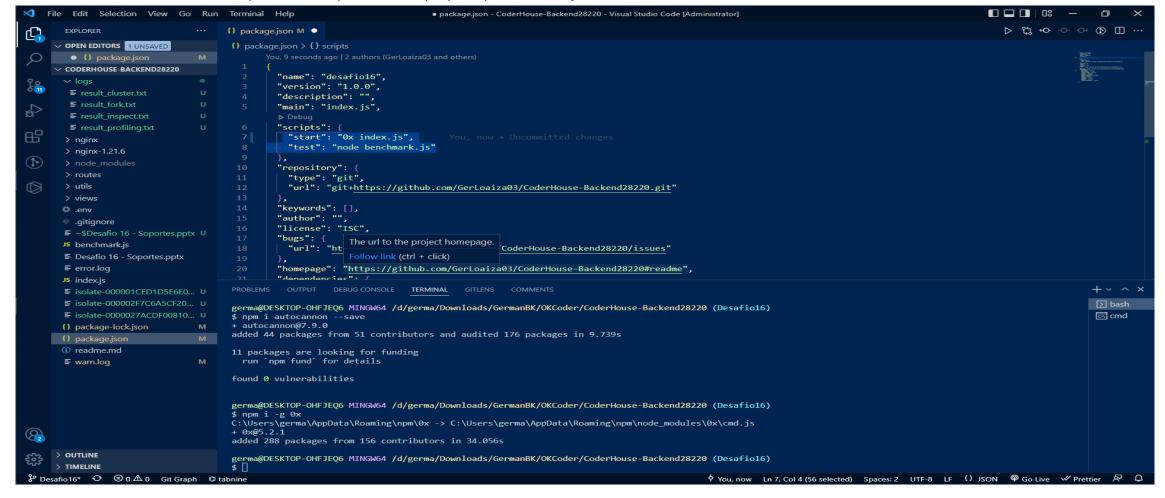


AUTOCANNON - OX

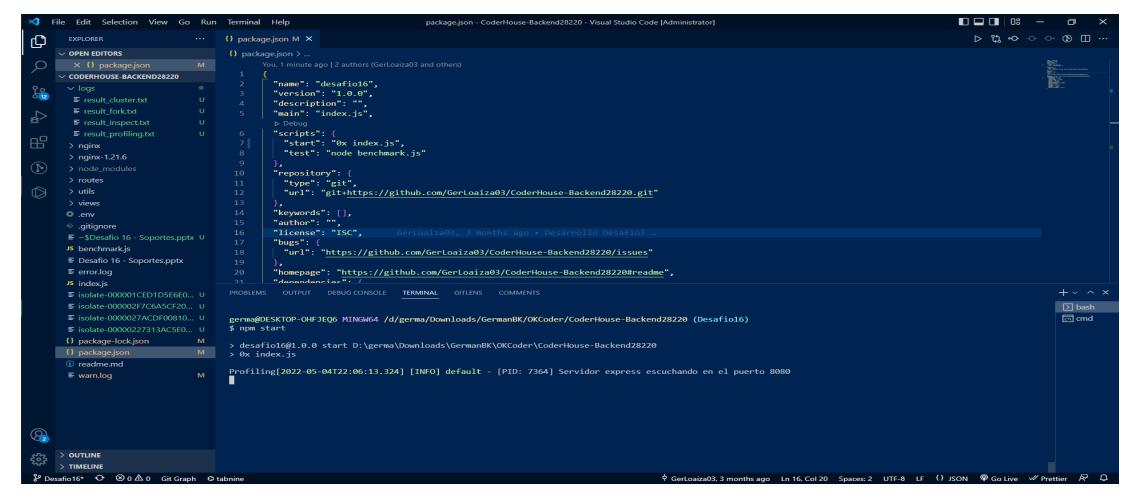
Instalamos autocannon y 0x



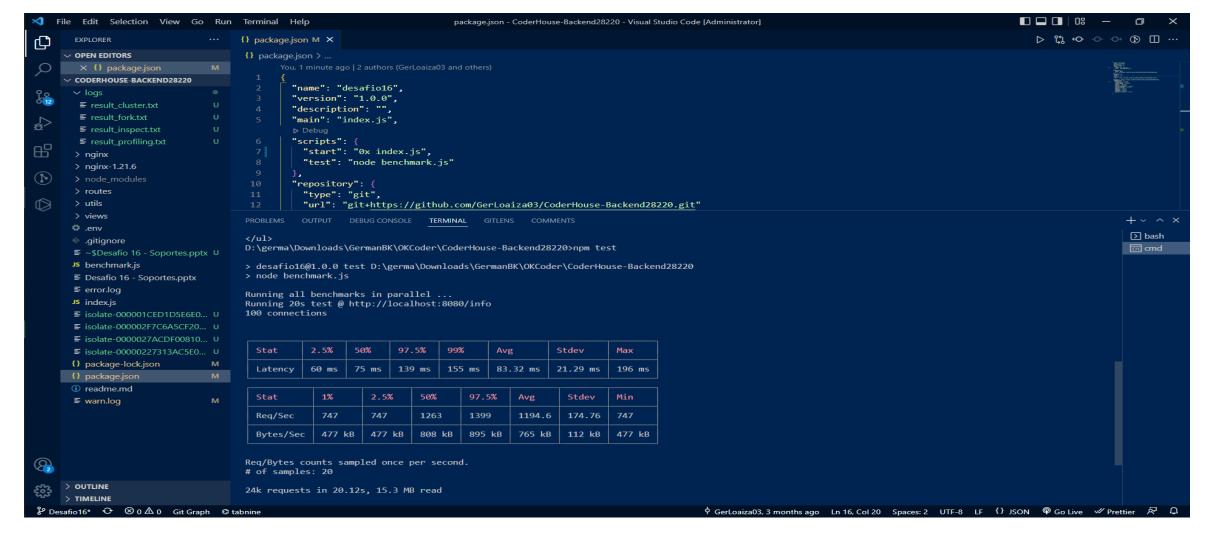
Modificamos el scripts de "start", para iniciar el proyecto por "0x index.js"



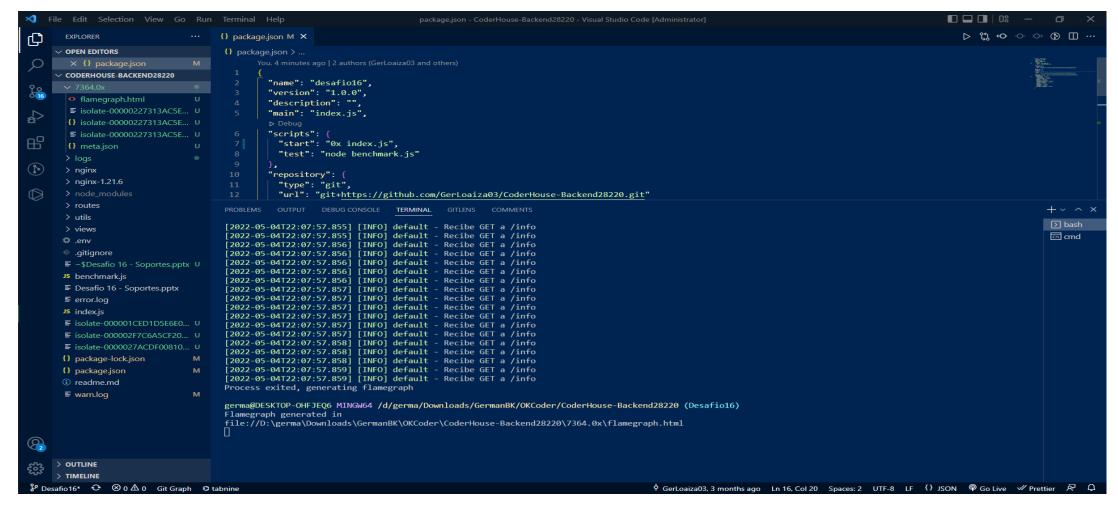
Ejecutamos proyecto "npm start"



Ejecutamos "node benchmark.js"



• Terminamos Proyecto una vez realizada esta accion, genera carpeta .0x, y generando dentro de esta el archive Flamegraph.



• Ejecutando Proyecto 0x con Curl.



• Ejecutando Proyecto 0x sin Curl.

