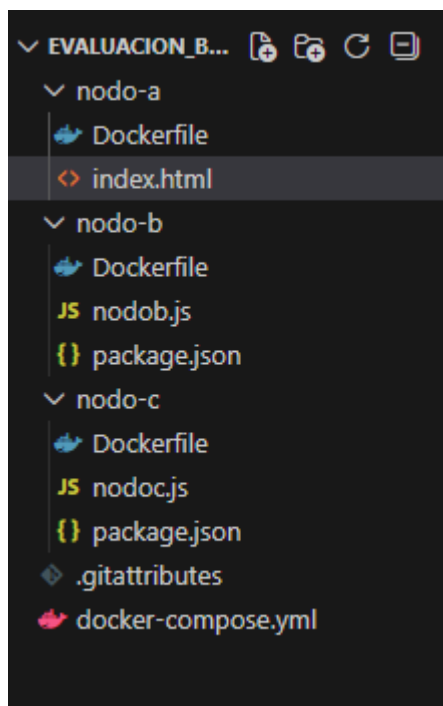# Informe Evaluación

Nombre: Diego Bravo

Nodo A

COMPLETADO: Conectado{"type":"connected","clientId":"e05ae2e6-ff48-434b-8b1b-735b051c49f6","message":"Conectado al Nodo B (procesador)"}

COMPLETADO: Conectado{"_id":"UUID-generado-en-A","power_level":35,"audit_trail":["C_verified"]}

Digita un numero...   Enviar

Resultado de la evaluación.

Se logró realizar la práctica, sin embargo de un momento a otro el funcionamiento con respecto al nodo B falló

Se uso 3 Dockerfile, para cada contenedor.
En el nodo A, si uso js y html.
En el nodo B, se uso js.
En el nodo C, se uso js.

En cada package.json, se colocó las dependencias de los dos nodos.

a-nodo /docker-entrypoint.sh: /docker-entrypoint.d/ is not empty, will attempt to perform configuration
/docker-entrypoint.sh: Looking for shell scripts in /docker-entrypoint.d/
/docker-entrypoint.sh: Launching /docker-entrypoint.d/10-listen-on-ipv6-by-default.sh
10-listen-on-ipv6-by-default.sh: info: Getting the checksum of /etc/nginx/conf.d/default.conf
10-listen-on-ipv6-by-default.sh: info: Enabled listen on IPv6 in /etc/nginx/conf.d/default.conf
/docker-entrypoint.sh: Sourcing /docker-entrypoint.d/15-local-resolvers.envsh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/20-envsubst-on-templates.sh
/docker-entrypoint.sh: Launching /docker-entrypoint.d/30-tune-worker-processes.sh
/docker-entrypoint.sh: Configuration complete; ready for start up
2025/11/26 23:35:49 [notice] 1#1: using the "epoll" event method
2025/11/26 23:35:49 [notice] 1#1: nginx/1.29.3
2025/11/26 23:35:49 [notice] 1#1: built by gcc 14.2.0 (Alpine 14.2.0)
2025/11/26 23:35:49 [notice] 1#1: OS: Linux 6.6.87.2-microsoft-standard-WSL2
2025/11/26 23:35:49 [notice] 1#1: getrlimit(RLIMIT_NOFILE): 1048576:1048576
2025/11/26 23:35:49 [notice] 1#1: start worker processes
2025/11/26 23:35:49 [notice] 1#1: start worker process 30
2025/11/26 23:35:49 [notice] 1#1: start worker process 31
2025/11/26 23:35:49 [notice] 1#1: start worker process 32
2025/11/26 23:35:49 [notice] 1#1: start worker process 33
2025/11/26 23:35:49 [notice] 1#1: start worker process 34
2025/11/26 23:35:49 [notice] 1#1: start worker process 35
2025/11/26 23:35:49 [notice] 1#1: start worker process 36
2025/11/26 23:35:49 [notice] 1#1: start worker process 37

b-nodo Nodo B - WebSocket server listening on port 3000

c-nodo Nodo C - WebSocket server listening on port 3001

a-nodo 172.21.0.1 - - [26/Nov/2025:23:36:20 +0000] "GET / HTTP/1.1" 200 1702 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/142.0.0.0 Safari/537.36 Edg/142.0.0.0" "-"

c-nodo Cliente conectado: 91295e5d-042c-405e-a01e-40b7019d0aaa (Total: 1)

a-nodo 172.21.0.1 - - [26/Nov/2025:23:36:21 +0000] "GET / HTTP/1.1" 304 0 "-" "Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/142.0.0.0 Safari/537.36 Edg/142.0.0.0" "-"

c-nodo Cliente desconectado: 91295e5d-042c-405e-a01e-40b7019d0aaa (Total: 0)
Cliente conectado: e05ae2e6-ff48-434b-8b1b-735b051c49f6 (Total: 1)
Nodo C recibido: { _id: 'UUID-generado-en-A', power_level: 20, audit_trail: [] }

a-nodo •
evaluacion_bravo-a-8080:80

b-nodo •
evaluacion_bravo-b-3100:3000

c-nodo •
evaluacion_bravo-c-3002:3001

Aquí se visualiza los tres contenedores trabajando simultáneamente y con los logs donde cada uno recibe la información.