

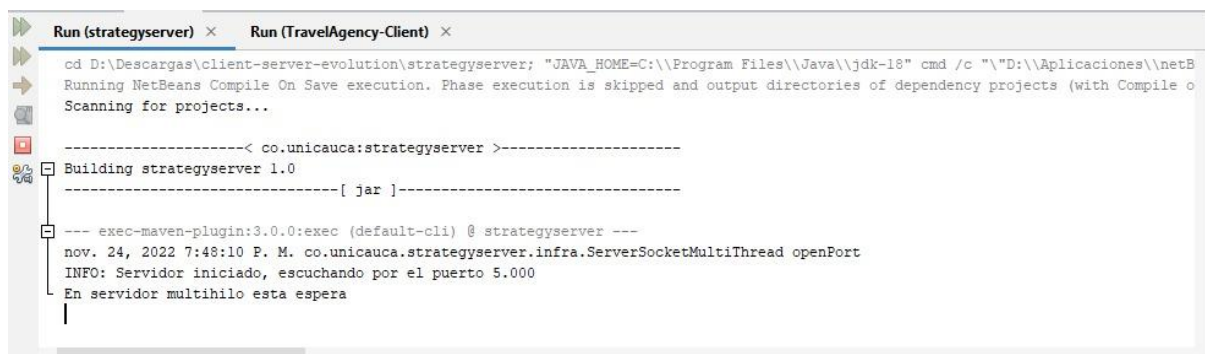
# Taller Arquitectura Cliente-Servidor: Sockets, WebServer y API Rest

## Integrantes:

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- Daniel Santiago Muñoz Rodriguez

## Evidencia del Taller

1. Descargar, instalar y correr la clase EchoServerExample que viene en el proyecto strategyserver. Valor 0.5

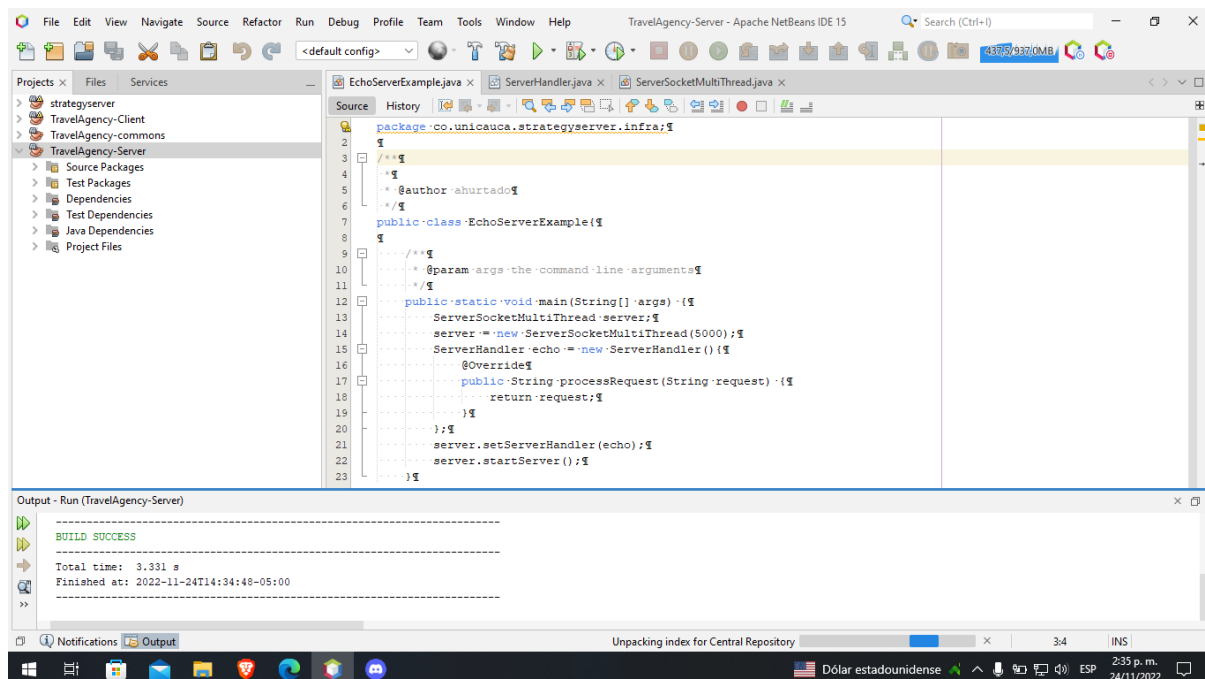


```
Run (strategyserver) x Run (TravelAgency-Client) x
cd D:\Descargas\client-server-evolution\strategyserver; "JAVA_HOME=C:\Program Files\Java\jdk-18" cmd /c "%D:\Aplicaciones\netB
Running NetBeans Compile On Save execution. Phase execution is skipped and output directories of dependency projects (with Compile o
Scanning for projects...

-----< co.unicauca:strategyserver >-----
Building strategyserver 1.0
-----[ jar ]-----

--- exec-maven-plugin:3.0.0:exec (default-cli) @ strategyserver ---
nov. 24, 2022 7:48:10 P. M. co.unicauca.strategyserver.infra.ServerSocketMultiThread openPort
INFO: Servidor iniciado, escuchando por el puerto 5.000
En servidor multihilo esta espera
```

2. Descargar, instalar y correr el AgencyTravelServer como servidor tcp/ip y el AgencyTravelClient (infra.tcpip). Valor 0.5



```
File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help
TravelAgency-Server - Apache NetBeans IDE 15
Search (Ctrl+I)
437/937.0MB

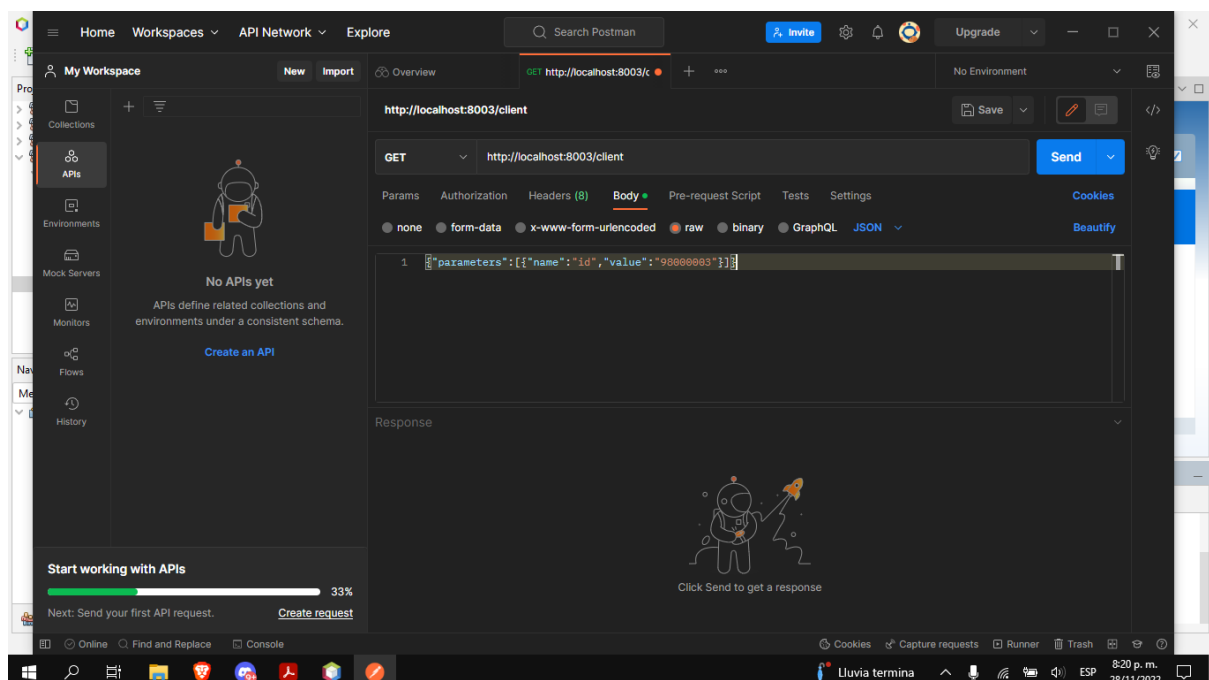
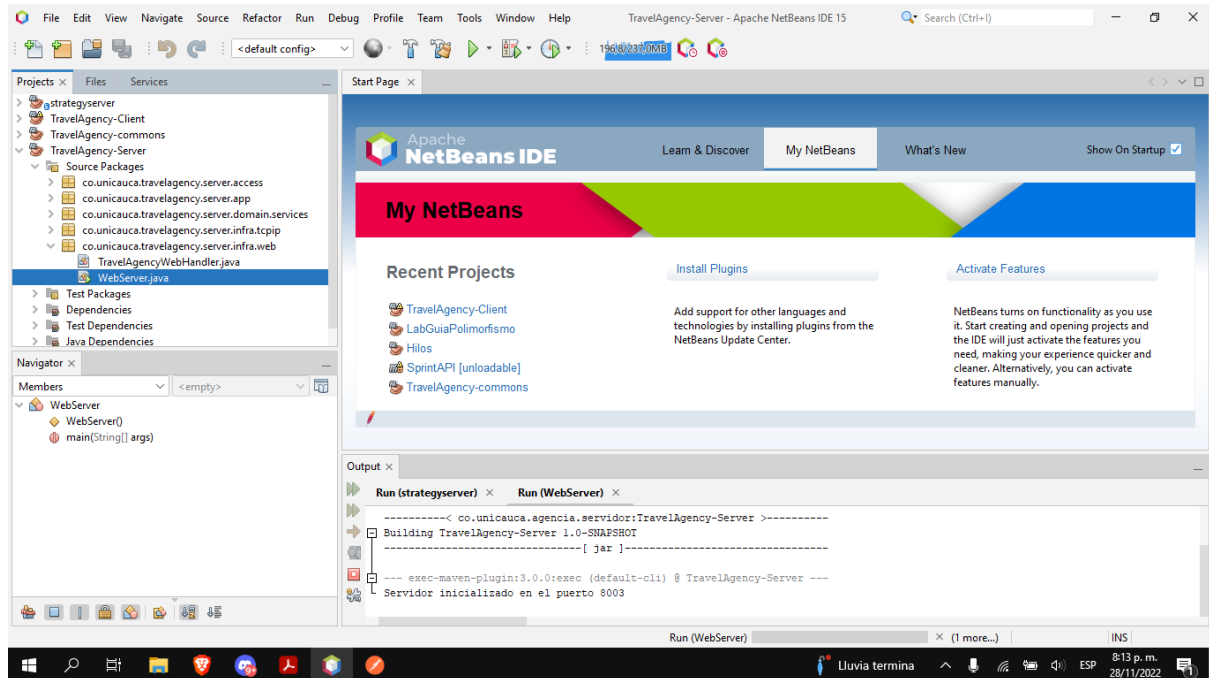
Projects x Files Services
> strategyserver
> TravelAgency-Client
> TravelAgency-commons
> TravelAgency-Server
  > Source Packages
  > Test Packages
  > Dependencies
  > Test Dependencies
  > Java Dependencies
  > Project Files

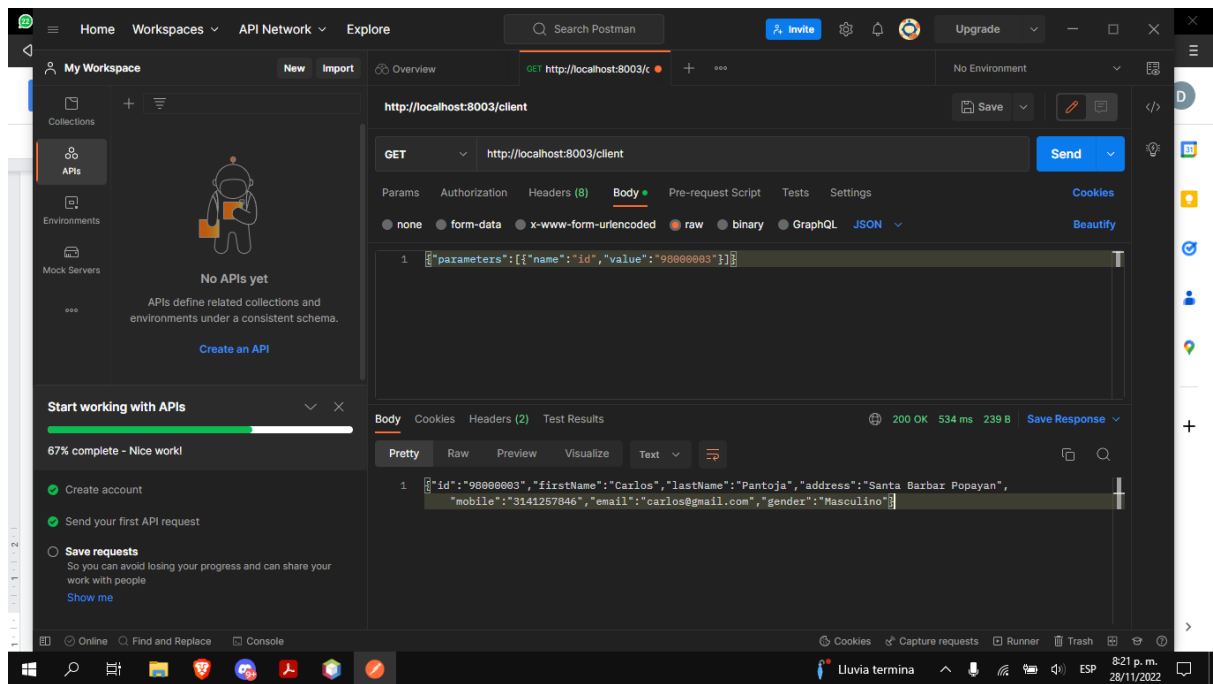
Source History
package co.unicauca.strategyserver.infra;
{
    /**
     * @author -ahurtado
     */
    public class EchoServerExample {
        /**
         * @param args the command line arguments
         */
        public static void main(String[] args) {
            ServerSocketMultiThread server;
            server = new ServerSocketMultiThread(5000);
            ServerHandler echo = new ServerHandler() {
                @Override
                public String processRequest(String request) {
                    return request;
                }
            };
            server.setServerHandler(echo);
            server.startServer();
        }
    }
}

Output - Run (TravelAgency-Server)
BUILD SUCCESS
Total time: 3.331 s
Finished at: 2022-11-24T14:34:48-05:00

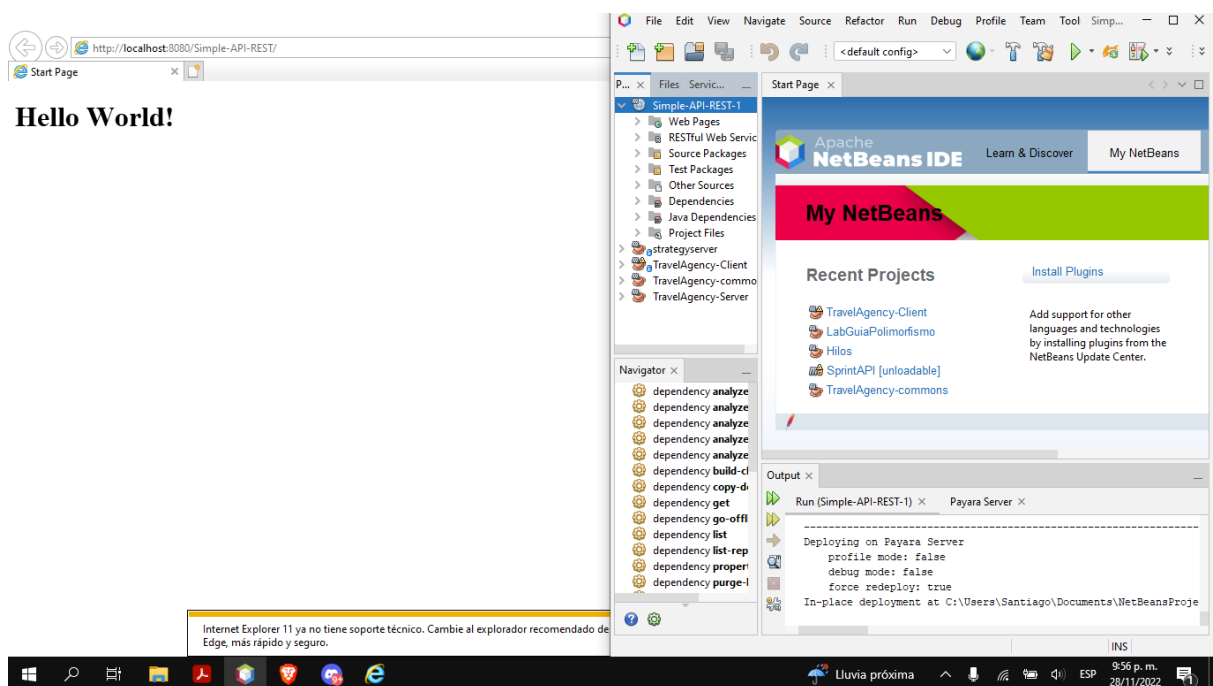
Notifications Output
Unpacking index for Central Repository
3:4 INS
Dólar estadounidense 2:35 p. m. 24/11/2022
```

3. Correr el Web Server(infra.web) que viene en el mismo proyecto AgencyTravelServer. Usar un cliente postman para hacer la consulta, recuerden que el protocolo cambi6 y ahora solo van los parámetros. Ver la consulta postman. Valor 0.5

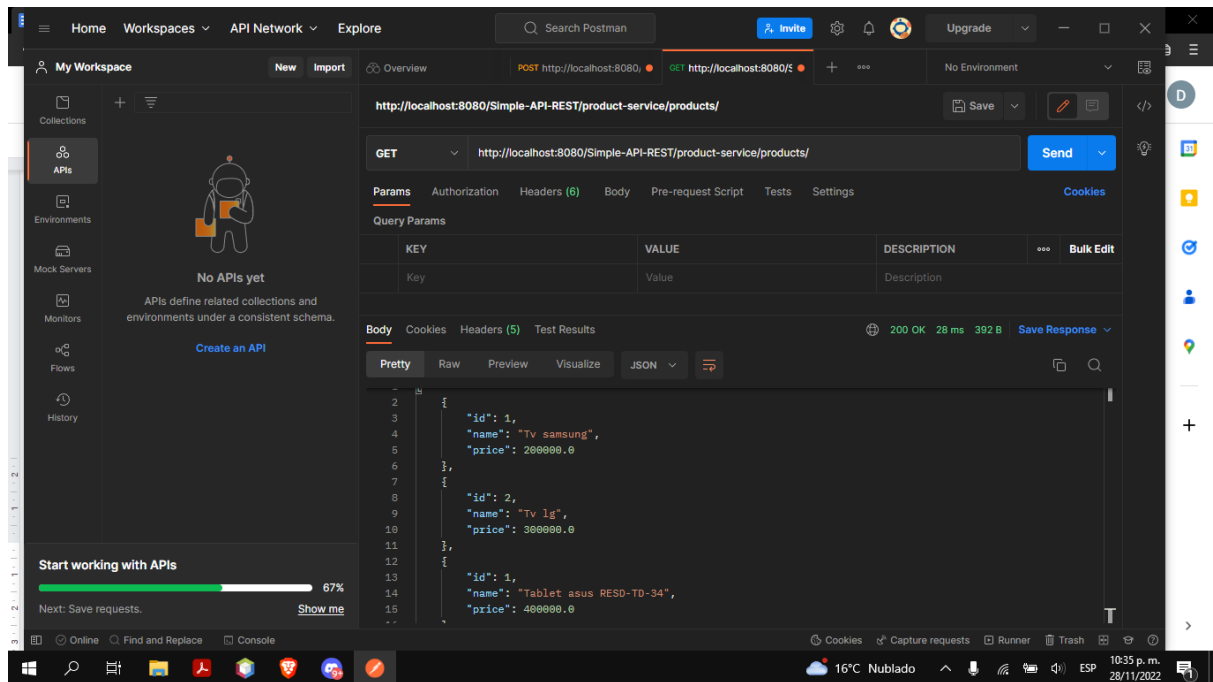




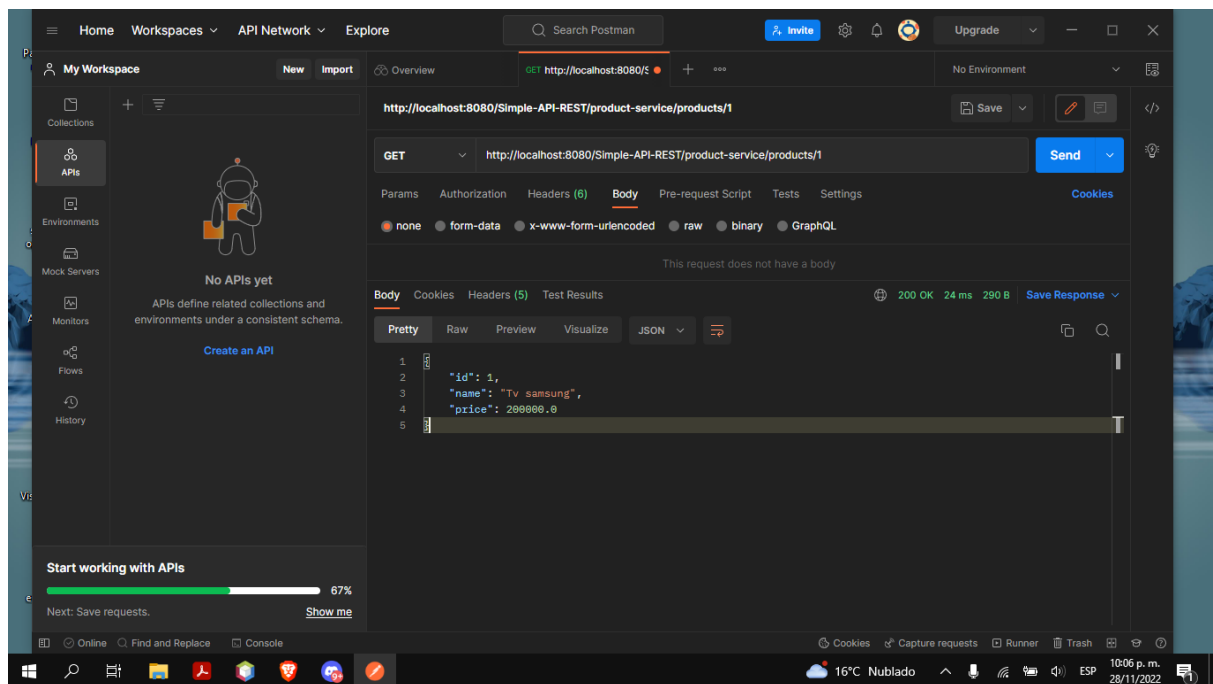
4. Realizar el taller de la API Rest y probar las consultas a través de postman o un Jersey Client. Siguen el paso a paso del taller. Valor 1.5



Listar todos los productos



Listar el producto con id 1



## Post

The screenshot shows the Postman application interface. On the left, the 'My Workspace' sidebar is visible with options like Collections, APIs, Environments, Mock Servers, Monitors, Flows, and History. The main panel displays a POST request to the endpoint `http://localhost:8080/Simple-API-REST/product-service/products/`. The request body is a JSON object: `{ "id": 4, "name": "Nintendo", "price": 300000.0 }`. The response is displayed in the 'Body' tab, showing an HTML error page from Payara Server with the message: `<title>Payara Server 5.2022.4 #badassfish - Error report</title>`. The status bar at the bottom indicates '405 Method Not Allowed' with a response time of 12 ms and a size of 1.38 KB.

## Delete

The screenshot shows the Postman application interface. On the left, the 'My Workspace' sidebar is visible with options like Collections, APIs, Environments, Mock Servers, Monitors, Flows, and History. The main panel displays a DELETE request to the endpoint `http://localhost:8080/Simple-API-REST/product-service/products/2`. The request body is a JSON object: `{ "ok": "true", "mensaje": "Productoborrado", "errores": "" }`. The response is displayed in the 'Body' tab, showing a JSON object: `{ "ok": "true", "mensaje": "Productoborrado", "errores": "" }`. The status bar at the bottom indicates '200 OK' with a response time of 13 ms and a size of 294 B.

Put

