

Cliente servicios estándar HTTP

Código Java

```
package cliente;

import java.io.BufferedReader;
import java.io.IOException;
import java.io.InputStreamReader;
import java.net.HttpURLConnection;
import java.net.URL;
import java.util.List;
import java.util.Map;
import java.util.Scanner;

public class ClienteHTTP {
    public static void main(String[] args) {
        Scanner scanner = new Scanner(System.in);

        while (true) {
            System.out.print("Ingrese la URL (o 'salir' para terminar): ");
            String inputUrl = scanner.nextLine();

            if (inputUrl.equalsIgnoreCase("salir")) {
                break;
            }

            try {
                URL url = new URL(inputUrl);
                HttpURLConnection connection = (HttpURLConnection)
url.openConnection();

                connection.setRequestMethod("GET");

                int responseCode = connection.getResponseCode();
                System.out.println("Código de finalización: " + responseCode);

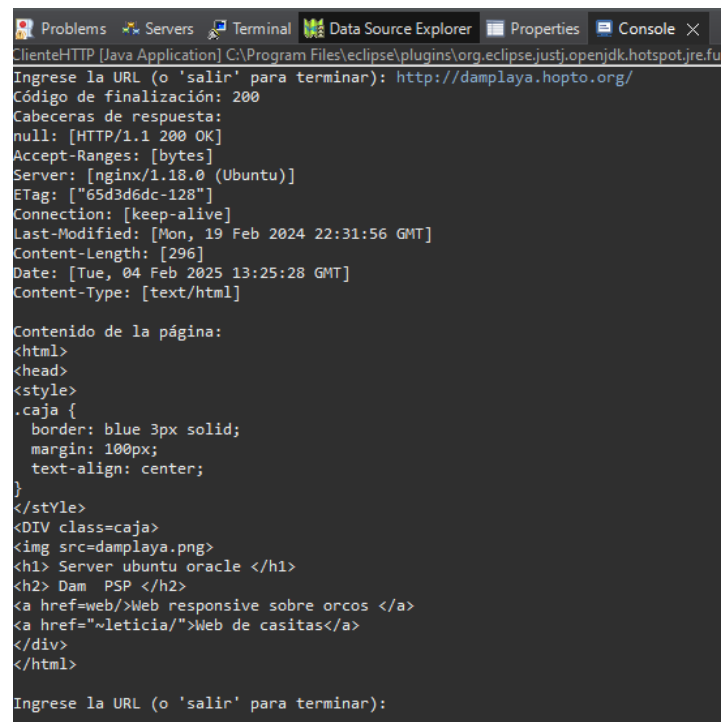
                System.out.println("Cabeceras de respuesta:");
                Map<String, List<String>> headers = connection.getHeaderFields();
                for (Map.Entry<String, List<String>> entry : headers.entrySet()) {
                    System.out.println(entry.getKey() + ": " + entry.getValue());
                }

                System.out.println("\nContenido de la página:");
                BufferedReader in = new BufferedReader(new
InputStreamReader(connection.getInputStream()));
                String inputLine;
                StringBuilder content = new StringBuilder();
                while ((inputLine = in.readLine()) != null) {
                    content.append(inputLine).append("\n");
                }
                in.close();

                System.out.println(content);

            } catch (IOException e) {
                System.out.println("Error al obtener la página: " + e.getMessage());
            }
        }
        scanner.close();
        System.out.println("Programa finalizado.");
    }
}
```

Resultado



```
Problems Servers Terminal Data Source Explorer Properties Console X
ClienteHTTP [Java Application] C:\Program Files\eclipse\plugins\org.eclipse.justj.openjdk.hotspot.jre.fu
Ingrese la URL (o 'salir' para terminar): http://damplaya.hopto.org/
Código de finalización: 200
Cabeceras de respuesta:
null: [HTTP/1.1 200 OK]
Accept-Ranges: [bytes]
Server: [nginx/1.18.0 (Ubuntu)]
ETag: ["65d3d6dc-128"]
Connection: [keep-alive]
Last-Modified: [Mon, 19 Feb 2024 22:31:56 GMT]
Content-Length: [296]
Date: [Tue, 04 Feb 2025 13:25:28 GMT]
Content-Type: [text/html]

Contenido de la página:
<html>
<head>
<style>
.caja {
  border: blue 3px solid;
  margin: 100px;
  text-align: center;
}
</style>
<DIV class=caja>
<img src=damplaya.png>
<h1> Server ubuntu oracle </h1>
<h2> Dam PSP </h2>
<a href=web/>Web responsive sobre orcos </a>
<a href=~leticia/>Web de casitas</a>
</div>
</html>

Ingrese la URL (o 'salir' para terminar):
```