

Universidad Latina De Costa Rica

Facultad de Ingenierías, Tecnologías de la Información y Comunicación

BIT 28 – Sistemas Operativos II

Laboratorio 2 - Sockets

Elaborado por:

Melissa Bermúdez Araya

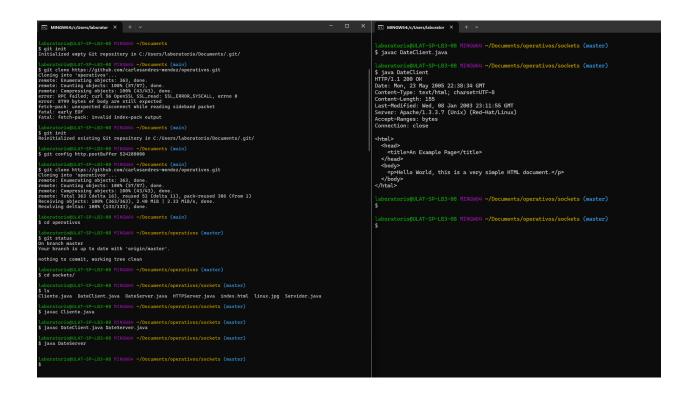
Docente:

Carlos Mendez Rodriguez

Fecha de Entrega:

Viernes 14 de Febrero del 2025

Laboratorio #2



```
MINGW64:/c/Users/laborator × + ~
                                                     64 ~/Documents/operativos/sockets (master)
$ javac --release 8 HTTPServer.java warning: [options] target value 8 is obsolete and will be removed in a future release warning: [options] target value 8 is obsolete and will be removed in a future release warning: [options] To suppress warnings about obsolete options, use -Xlint:-options.

Note: HTTPServer.java uses or overrides a deprecated API.

Note: Recompile with -Xlint:deprecation for details.
3 warnings
  laboratorio@ULAT-SP-LB3-08 MINGW64 ~/Documents/operativos/sockets (master)
 $ java HTTPServer
$ java HTTPServer
TCPServer Waiting for client on port 5000
The Client /127.0.0.1:61242 is connected
The Client /127.0.0.1:61243 is connected
The HTTP request string is ....
GET / HTTP/1.1
Host: localhost:5000
Connection keep-alive
Connection: keep-alive
Cache-Control: max-age=0
sec-ch-ua: "Not A(Brand";v="8", "Chromium";v="132", "Google Chrome";v="132"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/132.0.0.0 Safar
i/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,applicatio
n/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Encoding: gzip, deflate, br, zstd
Accept-Language: es-ES,es;q=0.9
The HTTP request string is
GET /favicon.ico HTTP/1.1
Host: localhost:5000
Connection: keep-alive
commettion: "Windows"
Sec-ch-ua-platform: "Windows"
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/132.0.0.0 Safar
sec-ch-ua: "Not A(Brand";v="8", "Chromium";v="132", "Google Chrome";v="132"
sec-ch-ua-mobile:
 Accept: image/avif,image/webp,image/apng,image/svg+xml,image/*,*/*;q=0.8
 Sec-Fetch-Site: same-origin
Sec-Fetch-Mode: no-cors
Sec-Fetch-Dest: image
Referer: http://localhost:5000/
Accept-Encoding: gzip, deflate, br, zstd
Accept-Language: es-ES,es;q=0.9
The Client /127.0.0.1:61245 is connected
The HTTP request string is ...
GET / HTTP/1.1
Host: localhost:5000
Connection: keep-alive
Cache-Control: max-age=0
sec-ch-ua: "Not A(Brand";v="8", "Chromium";v="132", "Google Chrome";v="132" sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/132.0.0.0 Safar
 i/537.36
Accept: text/html, application/xhtml+xml, application/xml; q=0.9, image/avif, image/webp, image/apng, */*; q=0.8, application/signed-exchange; v=b3; q=0.7
```

```
MINGW64:/c/Users/laborator × + ~
GET / HTTP/1.1
Host: localhost:5000
Connection: keep-alive
Cache-Control: max-age=0
sec-ch-ua: "Not A(Brand";v="8", "Chromium";v="132", "Google Chrome";v="132"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/132.0.0.0 Safar
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,applicatio
n/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Encoding: gzip, deflate, br, zstd
Accept-Language: es-ES,es;q=0.9
The Client /127.0.0.1:61250 is connected
The HTTP request string is ....
GET / HTTP/1.1
Host: localhost:5000
Connection: keep-alive
Cache-Control: max-age=0
sec-ch-ua: "Not A(Brand";v="8", "Chromium";v="132", "Google Chrome";v="132"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/132.0.0.0 Safar
i/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,applicatio
n/signed-exchange;v=b3;q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Encoding: gzip, deflate, br, zstd
Accept-Language: es-ES,es;q=0.9
The Client /127.0.0.1:61252 is connected
The Client /127.0.0.1:61254 is connected
The HTTP request string is ....
GET /linux.jpg HTTP/1.1
Host: localhost:5000
Connection: keep-alive
sec-ch-ua: "Not A(Brand";v="8", "Chromium";v="132", "Google Chrome";v="132"
sec-ch-ua-mobile: ?0
sec-ch-ua-platform: "Windows"
Upgrade-Insecure-Requests: 1
User-Agent: Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/132.0.0.0 Safar
i/537.36
Accept: text/html,application/xhtml+xml,application/xml;q=0.9,image/avif,image/webp,image/apng,*/*;q=0.8,applicatio
n/signed-exchange; v=b3; q=0.7
Sec-Fetch-Site: none
Sec-Fetch-Mode: navigate
Sec-Fetch-User: ?1
Sec-Fetch-Dest: document
Accept-Encoding: gzip, deflate, br, zstd
Accept-Language: es-ES,es;q=0.9
java.lang.NullPointerException: Cannot invoke "String.length()" because "str" is null at java.base/java.util.StringTokenizer.<init>(StringTokenizer.java:199) at java.base/java.util.StringTokenizer.<init>(StringTokenizer.java:236) at HTTPServer.run(HTTPServer.java:32)
```



