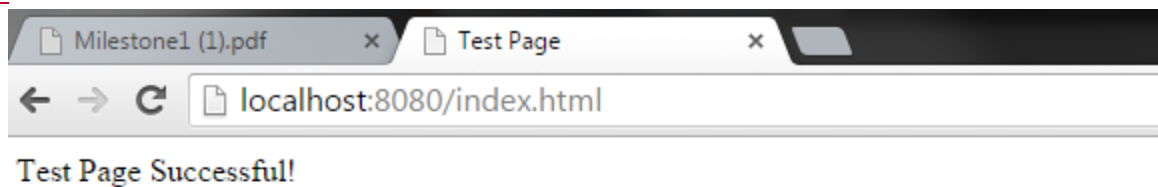


- 1.)
- 2.) About the “detailed diagram” we believe that a.) our detailed diagram is very much the same as the diagram above, b.) it has not changed significantly.
- 3.) Patterns: Delegating to an interface, Strategy, WatchDir
- 4.) Improvements: Our counting, improve client to generate dummy post/put/delete (in between showing you and writing this, we improved John Cena), security!!!!!!, logging
- 5.) GET:



POST:

The screenshot displays two windows. The top window is an HTTP client interface with three main sections: 'Connection Request', 'Connection Command', and 'Connection Response'. The 'Connection Request' section shows a POST request to /index.html on localhost:8080. The 'Connection Command' section contains buttons for generating various requests and controlling a DOS attack. The 'Connection Response' section shows the server's response, which is an HTML document titled 'Test Page' containing the text 'Test Page Successful!' and 'hi'. The bottom window is a web browser with two tabs: 'Milestone1 (1).pdf' and 'Test Page'. The address bar shows 'localhost:8080'. The 'Test Page' tab is active, displaying the text 'Test Page Successful!' and 'hi'.

**Connection Request**

```
POST /index.html HTTP/1.1
Host: localhost:8080
Connection: Keep-Alive
User-Agent: HttpTestClient/1.0
Accept: text/html,text/plain,application/xml,application/json
Accept-Language: en-US,en;q=0.8
Content-Length: 15

<html>hi</html>
```

**Connection Command**

Generate Persistent Request   Generate Cache Request   Start DOS Attack   Send

Generate Bad Request   Generate Version Request   Stop DOS Attack   Clear

**Connection Response**

```
connection : Close
content-type : text/html
----- Body -----
<html>
<head>
    <title>Test Page</title>
</head>
<body>
    <p>Test Page Successful!</p>
</body>
</html><html>hi</html>
-----
Socket Disconnected!
```

Milestone1 (1).pdf   Test Page

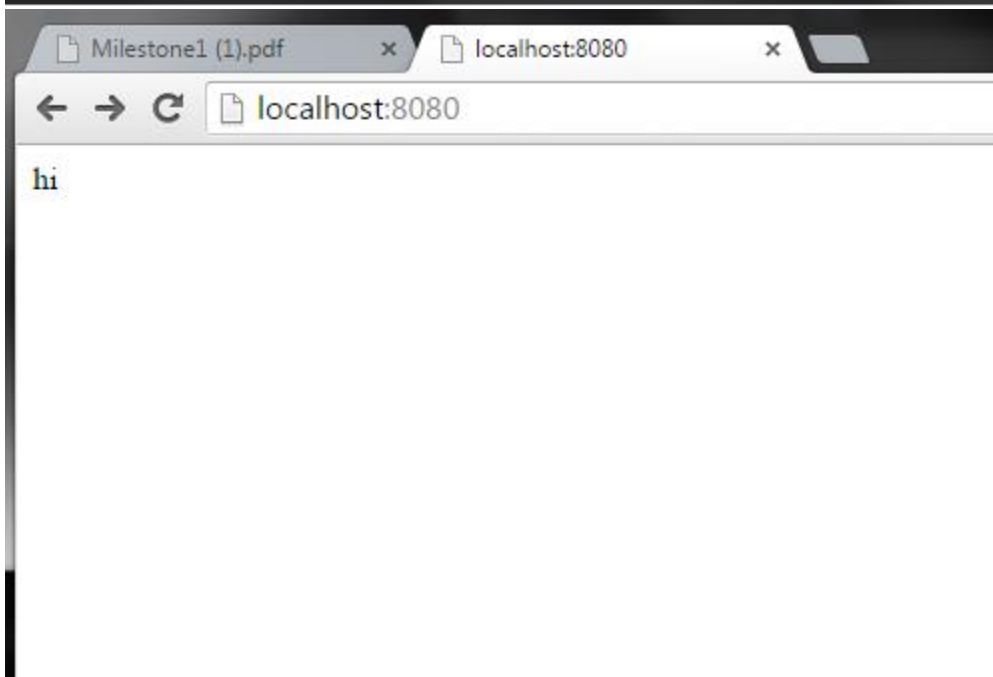
localhost:8080

Test Page Successful!

hi

PUT:

Connection Settings			
Server Name	<input type="text" value="localhost"/>	Port Number	<input type="text" value="8080"/> <input type="button" value="Connect"/>
Sleep Time (ms)	<input type="text" value="100"/>	Requests	<input type="text" value="10"/> <input type="button" value="Disconnect"/>
Connection Request			
<pre>PUT /index.html HTTP/1.1 Host: localhost:8080 Connection: Keep-Alive User-Agent: HttpTestClient/1.0 Accept: text/html,text/plain,application/xml,application/json Accept-Language: en-US,en;q=0.8 Content-Length: 15  &lt;html&gt;hi&lt;/html&gt;</pre>			
Connection Command			
<input type="button" value="Generate Persistent Request"/>	<input type="button" value="Generate Cache Request"/>	<input type="button" value="Start DOS Attack"/>	<input type="button" value="Send"/>
<input type="button" value="Generate Bad Request"/>	<input type="button" value="Generate Version Request"/>	<input type="button" value="Stop DOS Attack"/>	<input type="button" value="Clear"/>
Connection Response			
<pre>Request Sent. Waiting for response ... Connection Established! Request Sent. Waiting for response ... ----- Header ----- HTTP/1.1 204 No Content date : Sun Oct 18 19:30:11 EDT 2015 server : SimpleWebServer(SWS)/1.0.0 (Windows 7/6.1/amd64) provider : Chandan R. Rupakheti connection : Close ----- Body -----  Socket Disconnected!</pre>			



DELETE:

HTTP 1.1 Test Client

**Connection Settings**

Server Name  Port Number    
Sleep Time (ms)  Requests

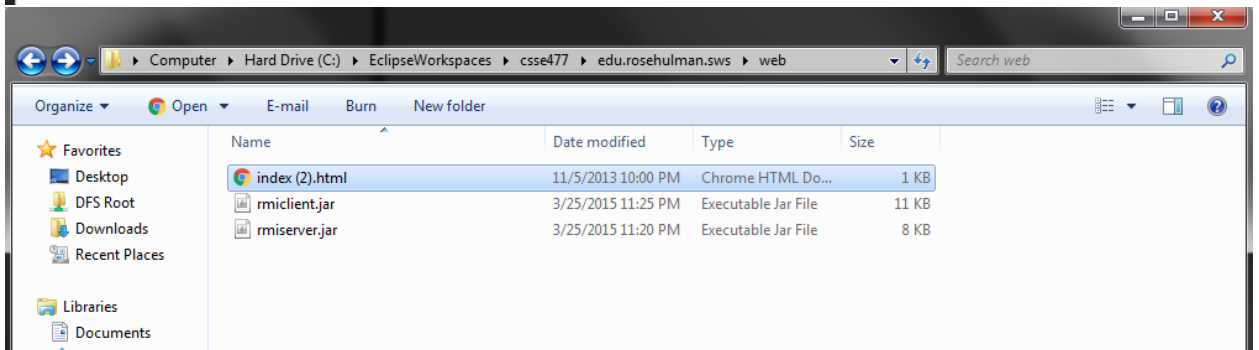
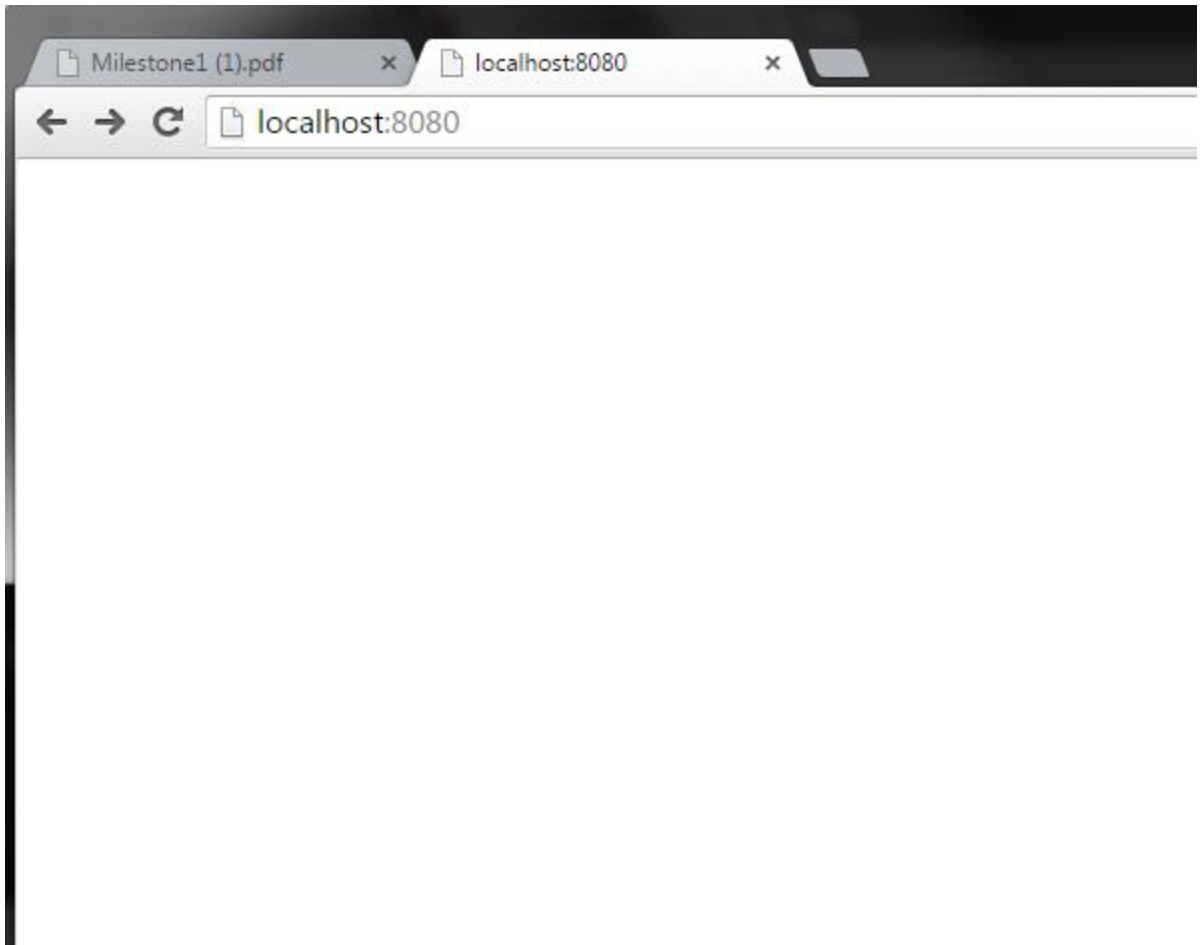
**Connection Request**

DELETE /index.html HTTP/1.1  
Host: localhost:8080  
Connection: Keep-Alive  
User-Agent: HttpTestClient/1.0  
Accept: text/html,text/plain,application/xml,application/json  
Accept-Language: en-US,en;q=0.8

**Connection Command**

**Connection Response**

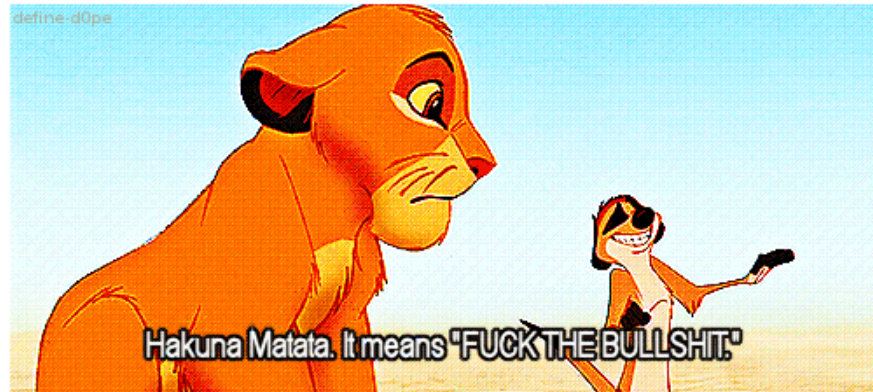
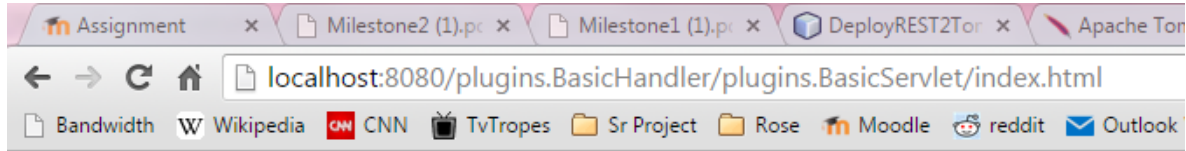
Socket Disconnected!  
Connection Established!  
Request Sent. Waiting for response ...  
----- Header -----  
HTTP/1.1 204 No Content  
date : Sun Oct 18 19:31:13 EDT 2015  
server : SimpleWebServer(SWS)/1.0.0 (Windows 7/6.1/amd64)  
provider : Chandan R. Rupakheti  
connection : Close  
----- Body -----  
  
Socket Disconnected!

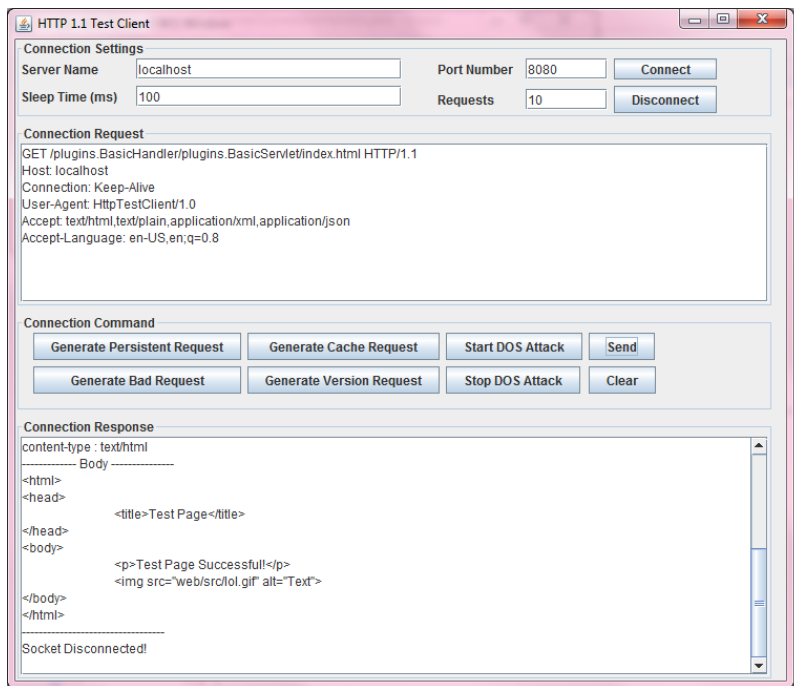
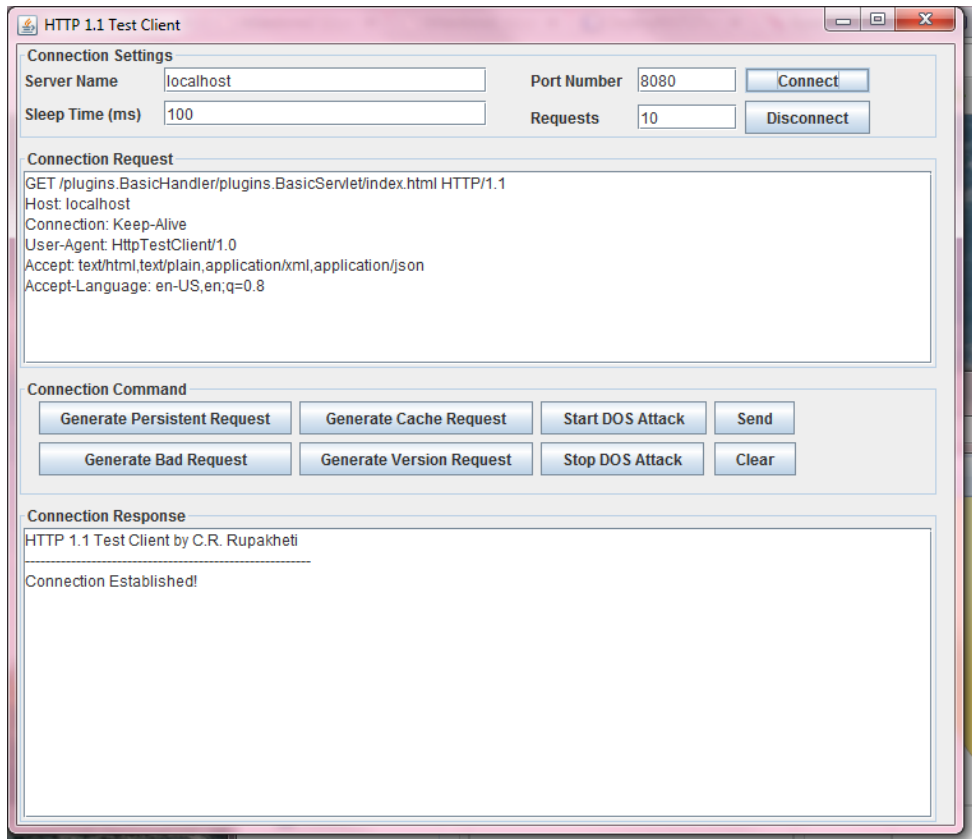


New Screenscaps:

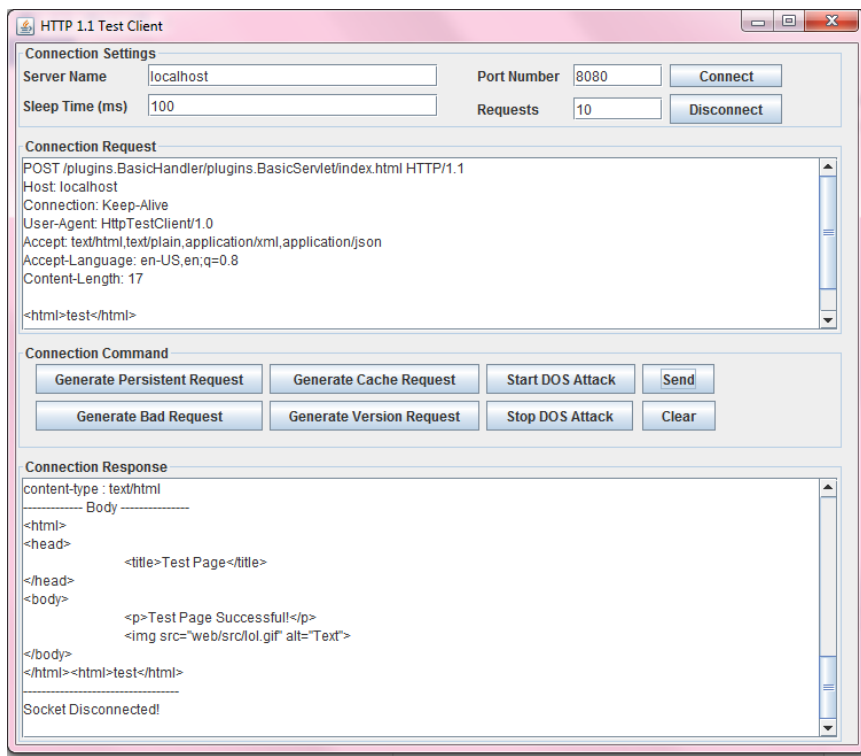
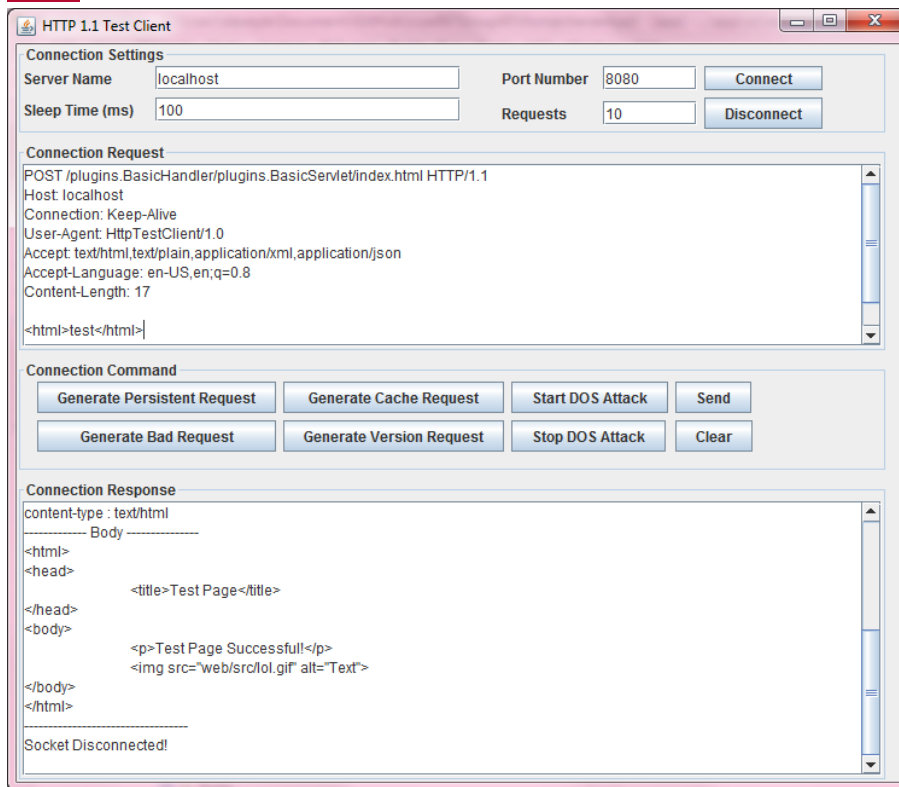
Original GPPD Handler:

GET:





## POST





Demonstration of change in browser. Received via GET call.



PUT

▶ http://localhost:8080/plugins.BasicHandler/plugins.BasicServlet/index.html

● GET

● POST

● PUT

● PATCH

● DELETE

● HEAD

● OPTIONS

● Other

Raw

Form

Headers

Add new header

Content-Length

17

Raw

Form

Files (0)

Payload

Encode payload

Decode payload

<html>test</html>

application/x-www-form-urlencoded

Set "Content-Type" header to overwrite this value.

Status

204 No Content

Loading time: 22 ms

Request headers

User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/46.0.2490.80 Safari/537.36

Origin: chrome-extension://hgmlodddfdnphfgcelikdfbfjeloo

Content-Type: application/x-www-form-urlencoded

Accept: \*/\*

DNT: 1

Accept-Encoding: gzip, deflate, sdch

Accept-Language: en-US,en;q=0.8

Response headers

Server: SimpleWebServer(SWS)/1.0.0 (Windows 7/6.1/amd64)

Connection: Close

Date: Mon Oct 26 15:41:45 EDT 2015

Provider: Chandan R. Rupakheti

Raw

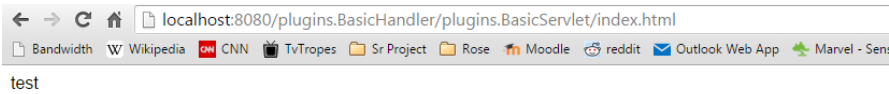
Response

Word unwrap

Copy to clipboard

Save as file

Response does not contain any data.



DELETE

← → ↺ 🏠 chrome-extension://hgmloofddfdnphfgcellkdfbfjelo/RestClient.html#RequestPlace:default

Bandwidth W Wikipedia CNN TvTropes Sr Project Rose Moodle reddit Outlook Web App Marvel - Sense GitHub 辞 Denshi Jisho - Onlin...

Client

Request

Socket

Projects

Saved

History

Settings

About

Rate this application ▾

Donate

▶ http://localhost:8080/plugins.BasicHandler/plugins.BasicServlet/index.html

GET POST PUT PATCH **DELETE** HEAD OPTIONS Other

Raw Form Headers

Add new header

key

value

Raw Form Files (0) Payload

Encode payload Decode payload

application/x-www-form-urlencoded ▾

Set "Content-Type" header to overwrite this value.

Scroll to top

Status

204 No Content 📶 Loading time: 17 ms

Request headers

User-Agent: Mozilla/5.0 (Windows NT 6.1; WOW64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/46.0.2490.80 Safari/537.36  
Origin: chrome-extension://hgmloofddfdnphfgcellkdfbfjelo  
Content-Type: application/x-www-form-urlencoded 📶  
Accept: \*/\*  
DNT: 1  
Accept-Encoding: gzip, deflate, sdch  
Accept-Language: en-US,en;q=0.8

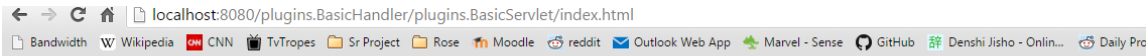
Response headers

Server: SimpleWebServer(SWS)/1.0.0 (Windows 7/6.1/amd64) 📶  
Connection: Close  
Date: Mon Oct 26 15:42:25 EDT 2015 📶  
Provider: Chandan R. Rupakheti

Raw Response

Word unwrap Copy to clipboard Save as file

Response does not contain any data.



## New Handler:

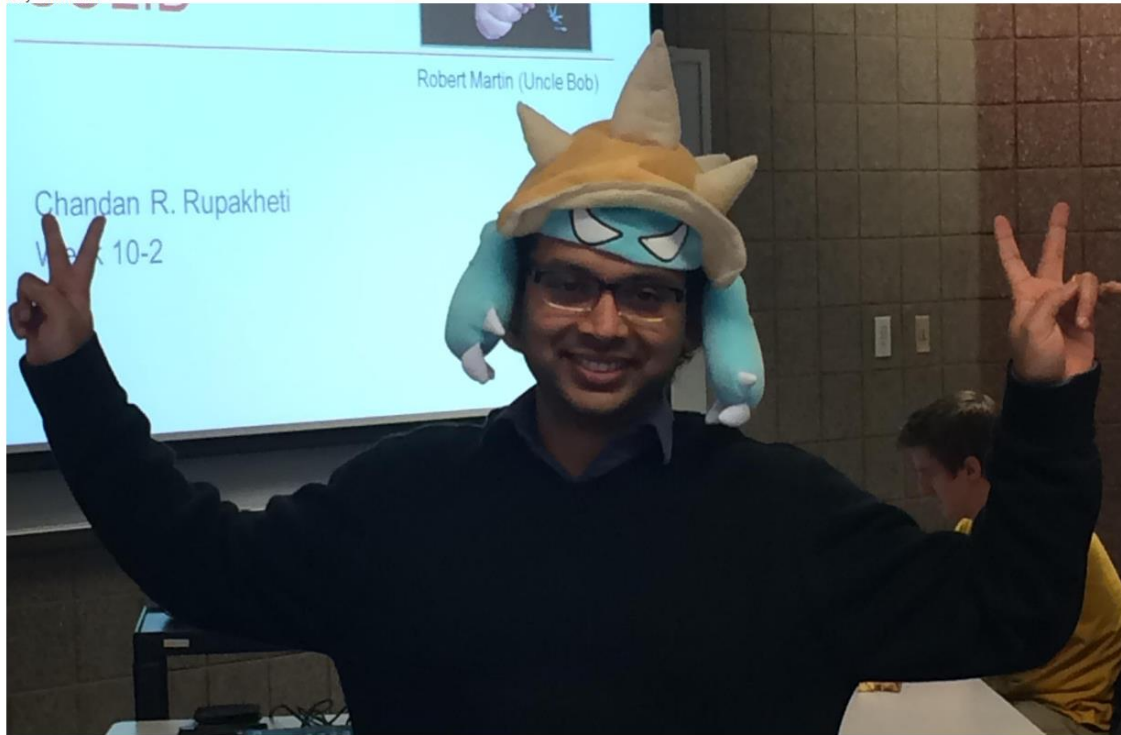
This new handler redirects the user to one of 5 random webpages no matter what they ask for in a GET request.

## Page #1:

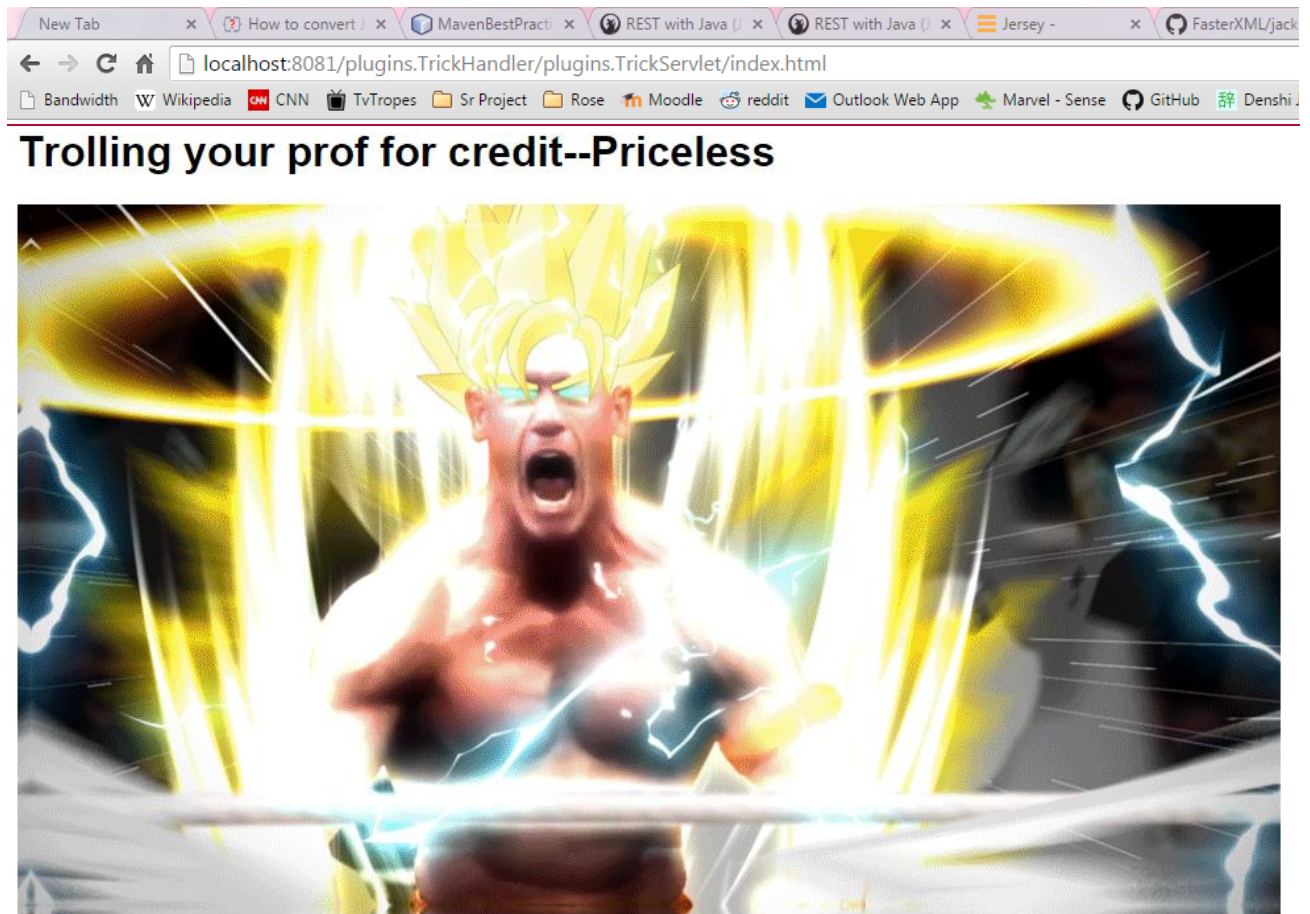


## **Trolling your prof for credit--Priceless**

Hey Chandan!



Page #2:



Page #3:

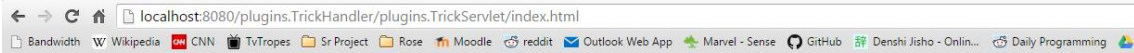




## Trolling your prof for credit--Priceless







## Trolling your prof for credit--Priceless



---

### Page #5:



## Trolling your prof for credit--Priceless



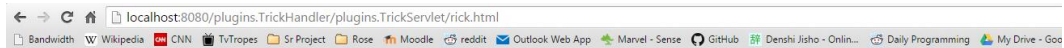
Notice that the URIs are the same for each one. But it doesn't have to be "index.html":



## Trolling your prof for credit--Priceless

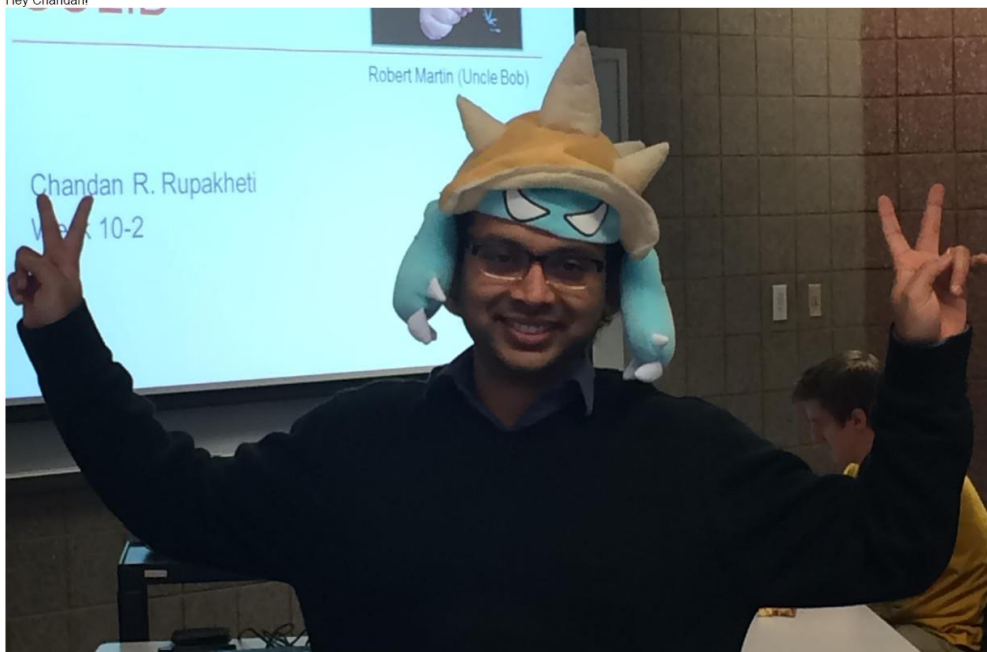


Funny thing even if you request the html that it redirects you to, you may not get that html:



## Trolling your prof for credit--Priceless

Hey Chandan!



4. Feature listing and assignment:

Assignment: Pair Programming (with occasional Trio programing by adding Chris for Extra-Weird-Errors moments)

Features:

Watches root/plugins for new plugins and loads all existing plugins at start up.

Allows implementation of plugins with multiple servlets

Allows trolling of prof

Change History:

All red and underlined text is changed.