

EBS Http library release notes.

Building:

A Visual 'C' 2010 project is provided in the folder:

.\httpserverandclient\http\v0.2.6\project\msvs.net2010\win32\serverdemo

A Linux project needs to be developed and debugged. The source code already supports Linux,
Make file need to be created and the code needs to be tested.

About the demo - The demo demonstrates using the HTTP client in concert with the http server and web pages to create dynamic applications.

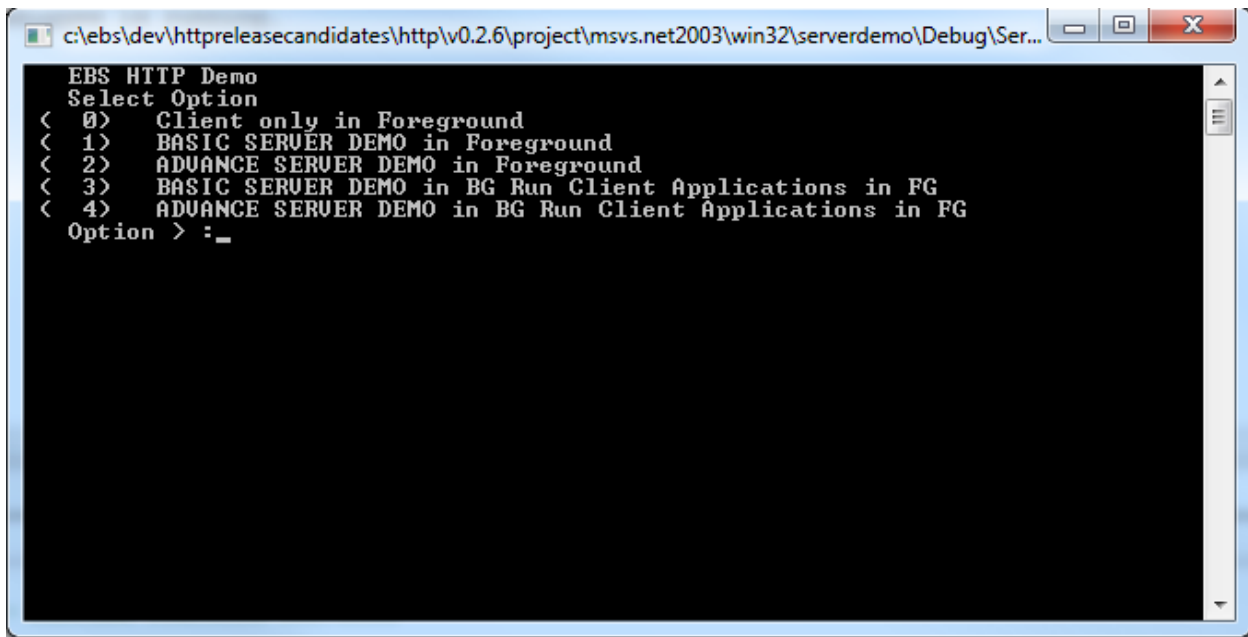
Main Menu – The main menu allows several options.

The default selections for most client operations is to access the server at localhost.

The main menu allows you to spawn a server in the background select option 4, (option 3 is available for a simple disk based only server with no dynamic content support). Then continue on to run client code in the foreground from the console.

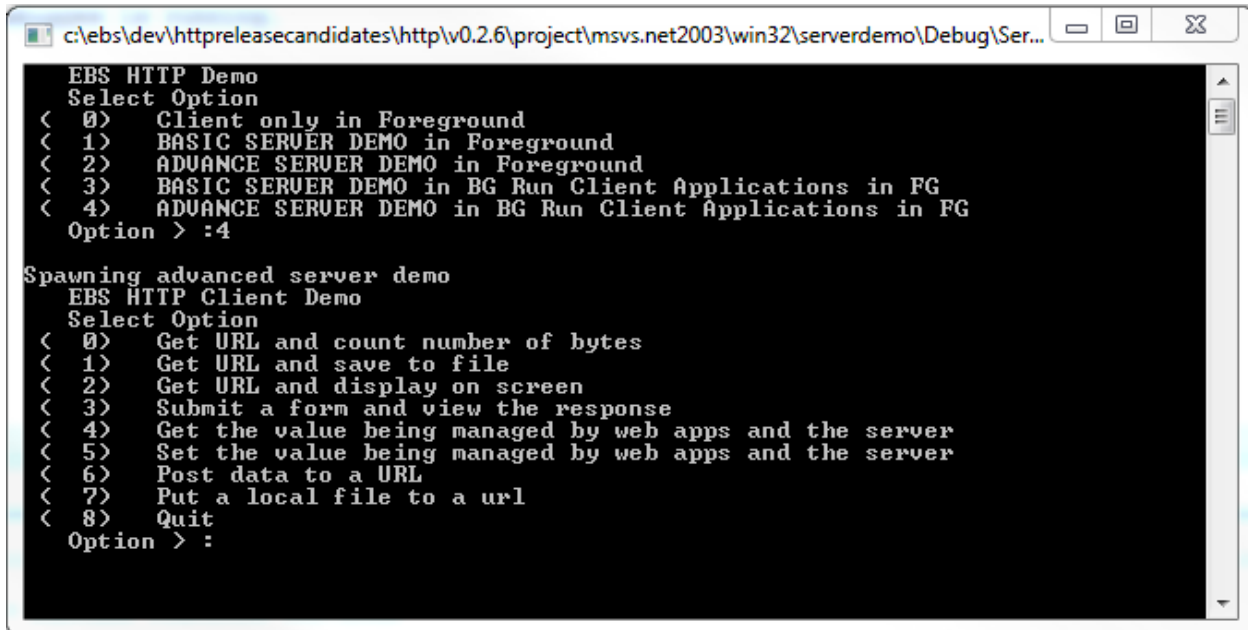
Note: If you run the server in the background and you wish to restart, you must to kill the application named serverdemo.exe in the task manager.

You may also run separate instances of the server and client both in the foreground. If you run this way you will be able to see server messages printed to the console. To do this you must run the executable twice. In the first case select option 2, (option 1 is available for a simple disk based only server with no dynamic content support) in one window and select option 0 in the other windows on to run client code



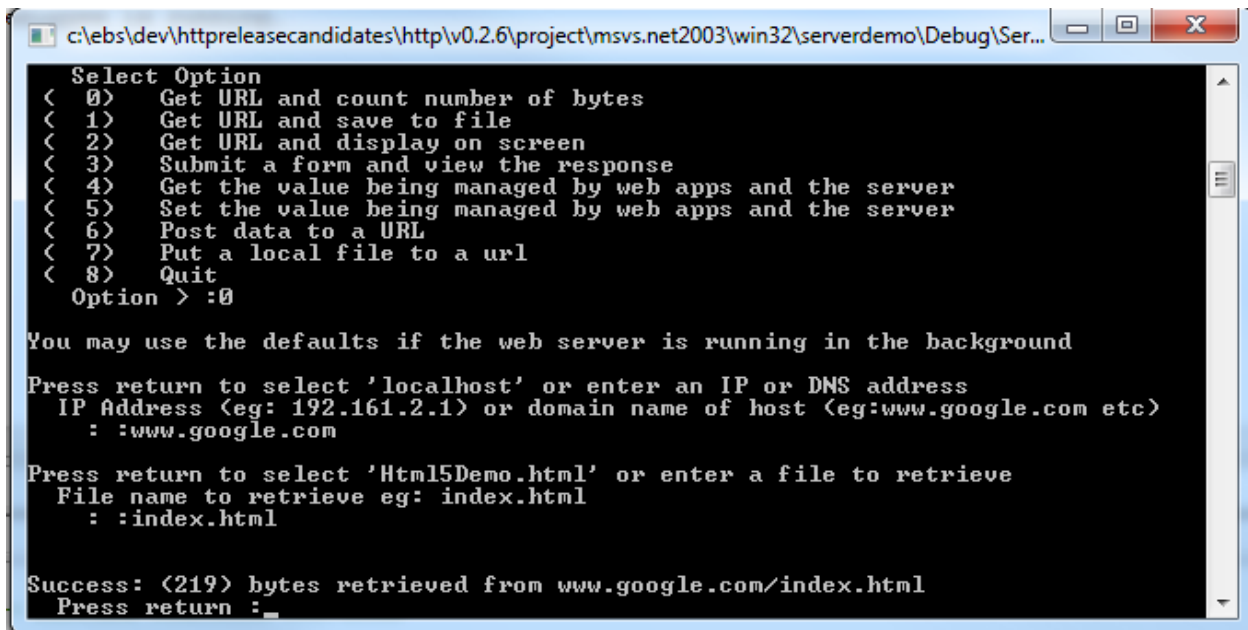
```
EBS HTTP Demo
Select Option
< 0> Client only in Foreground
< 1> BASIC SERVER DEMO in Foreground
< 2> ADVANCE SERVER DEMO in Foreground
< 3> BASIC SERVER DEMO in BG Run Client Applications in FG
< 4> ADVANCE SERVER DEMO in BG Run Client Applications in FG
Option > :_
```

Client menu from the client menu you may select an app to run. Several options and the results are displayed below.



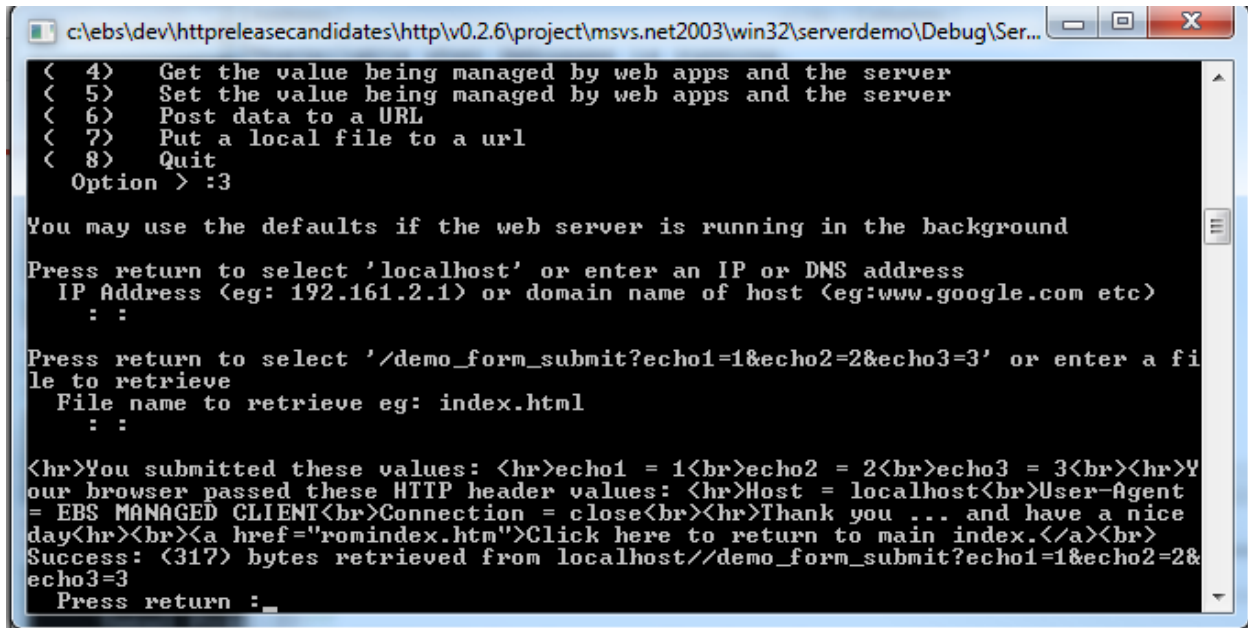
```
c:\ebs\dev\httpreleasecandidates\http\v0.2.6\project\msvs.net2003\win32\serverdemo\Debug\Ser...  
EBS HTTP Demo  
Select Option  
< 0> Client only in Foreground  
< 1> BASIC SERVER DEMO in Foreground  
< 2> ADVANCE SERVER DEMO in Foreground  
< 3> BASIC SERVER DEMO in BG Run Client Applications in FG  
< 4> ADVANCE SERVER DEMO in BG Run Client Applications in FG  
Option > :4  
  
Spawning advanced server demo  
EBS HTTP Client Demo  
Select Option  
< 0> Get URL and count number of bytes  
< 1> Get URL and save to file  
< 2> Get URL and display on screen  
< 3> Submit a form and view the response  
< 4> Get the value being managed by web apps and the server  
< 5> Set the value being managed by web apps and the server  
< 6> Post data to a URL  
< 7> Put a local file to a url  
< 8> Quit  
Option > :
```

This is the result of running of choosing option 0 from the client menu and choosing default selections.



```
c:\ebs\dev\httpreleasecandidates\http\v0.2.6\project\msvs.net2003\win32\serverdemo\Debug\Ser...  
Select Option  
< 0> Get URL and count number of bytes  
< 1> Get URL and save to file  
< 2> Get URL and display on screen  
< 3> Submit a form and view the response  
< 4> Get the value being managed by web apps and the server  
< 5> Set the value being managed by web apps and the server  
< 6> Post data to a URL  
< 7> Put a local file to a url  
< 8> Quit  
Option > :0  
  
You may use the defaults if the web server is running in the background  
Press return to select 'localhost' or enter an IP or DNS address  
IP Address (eg: 192.161.2.1) or domain name of host (eg:www.google.com etc)  
: :www.google.com  
  
Press return to select 'Html5Demo.html' or enter a file to retrieve  
File name to retrieve eg: index.html  
: :index.html  
  
Success: (219) bytes retrieved from www.google.com/index.html  
Press return :_
```

This is the result of running of choosing option 3 from the client menu and choosing default selections.



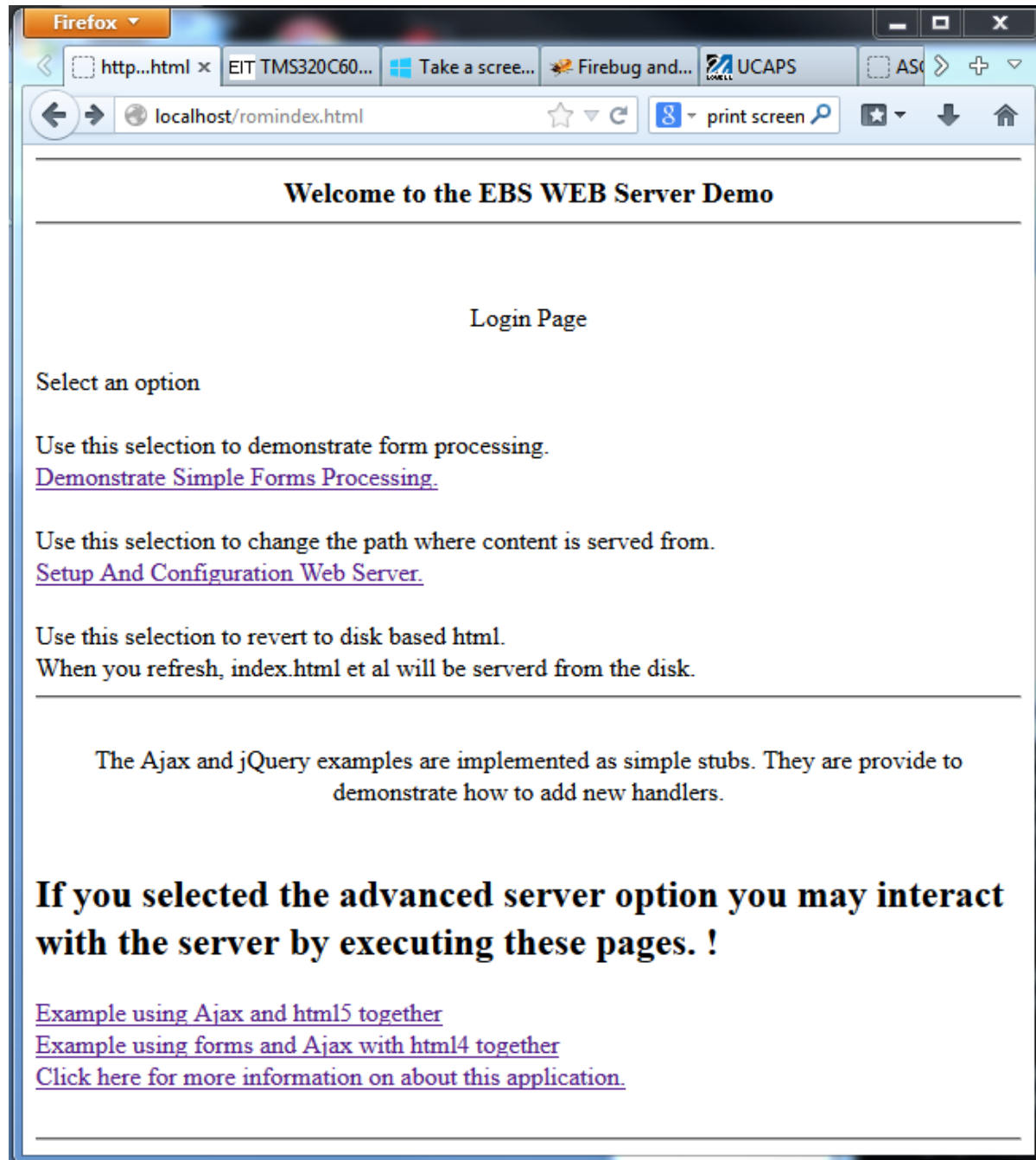
```
c:\ebs\dev\httpreleasecandidates\http\v0.2.6\project\msvs.net2003\win32\serverdemo\Debug\Ser...
< 4> Get the value being managed by web apps and the server
< 5> Set the value being managed by web apps and the server
< 6> Post data to a URL
< 7> Put a local file to a url
< 8> Quit
Option > :3

You may use the defaults if the web server is running in the background
Press return to select 'localhost' or enter an IP or DNS address
IP Address (eg: 192.161.2.1) or domain name of host (eg:www.google.com etc)
: :

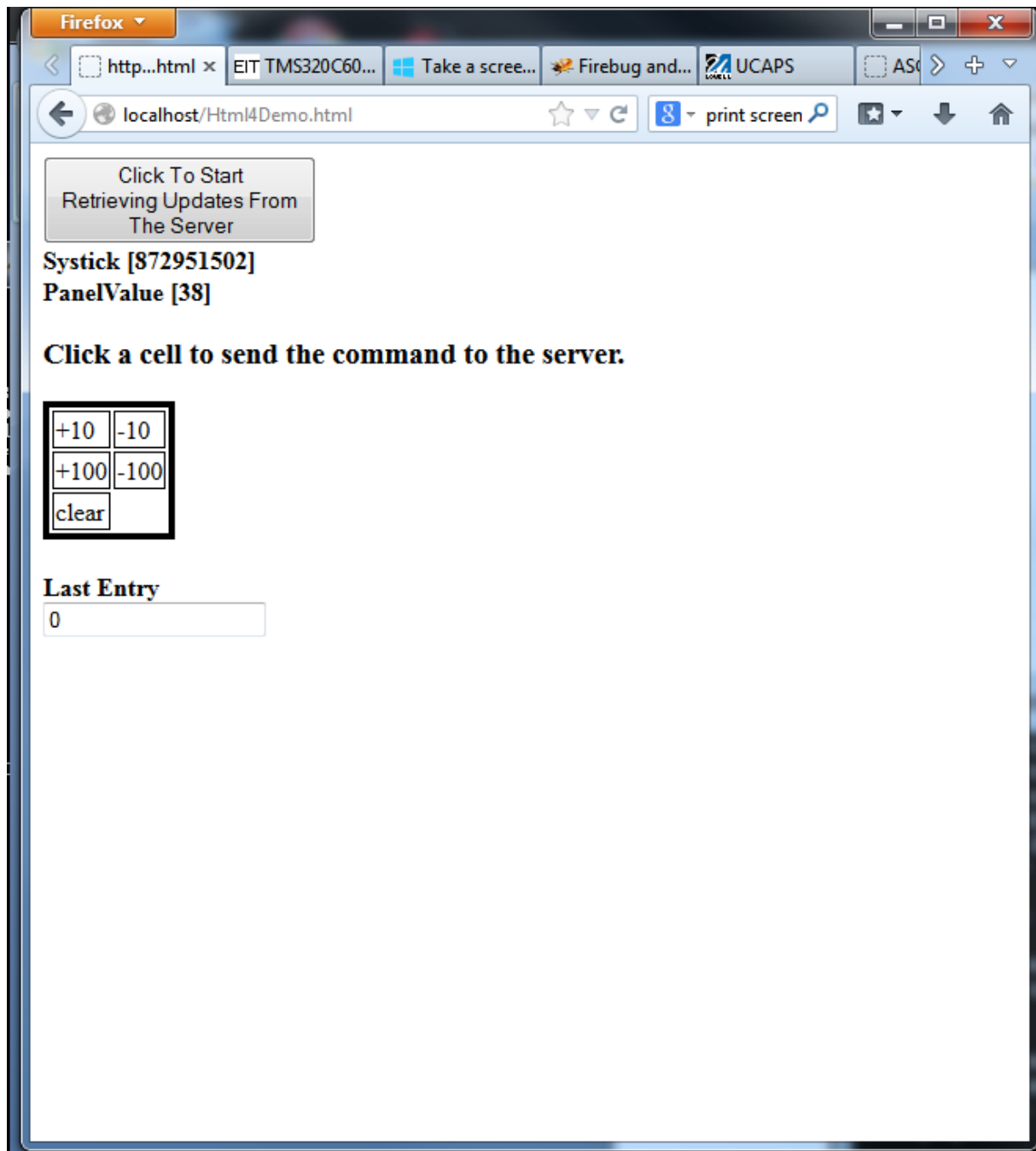
Press return to select '/demo_form_submit?echo1=1&echo2=2&echo3=3' or enter a file to retrieve
File name to retrieve eg: index.html
: :

<hr>You submitted these values: <hr>echo1 = 1<br>echo2 = 2<br>echo3 = 3<br><hr>Your browser passed these HTTP header values: <hr>Host = localhost<br>User-Agent = EBS MANAGED CLIENT<br>Connection = close<br><hr>Thank you ... and have a nice day<hr><br><a href="/demo_form_submit?echo1=1&echo2=2&echo3=3">Click here to return to main index.</a><br>Success: (317) bytes retrieved from localhost//demo_form_submit?echo1=1&echo2=2&echo3=3
Press return : _
```

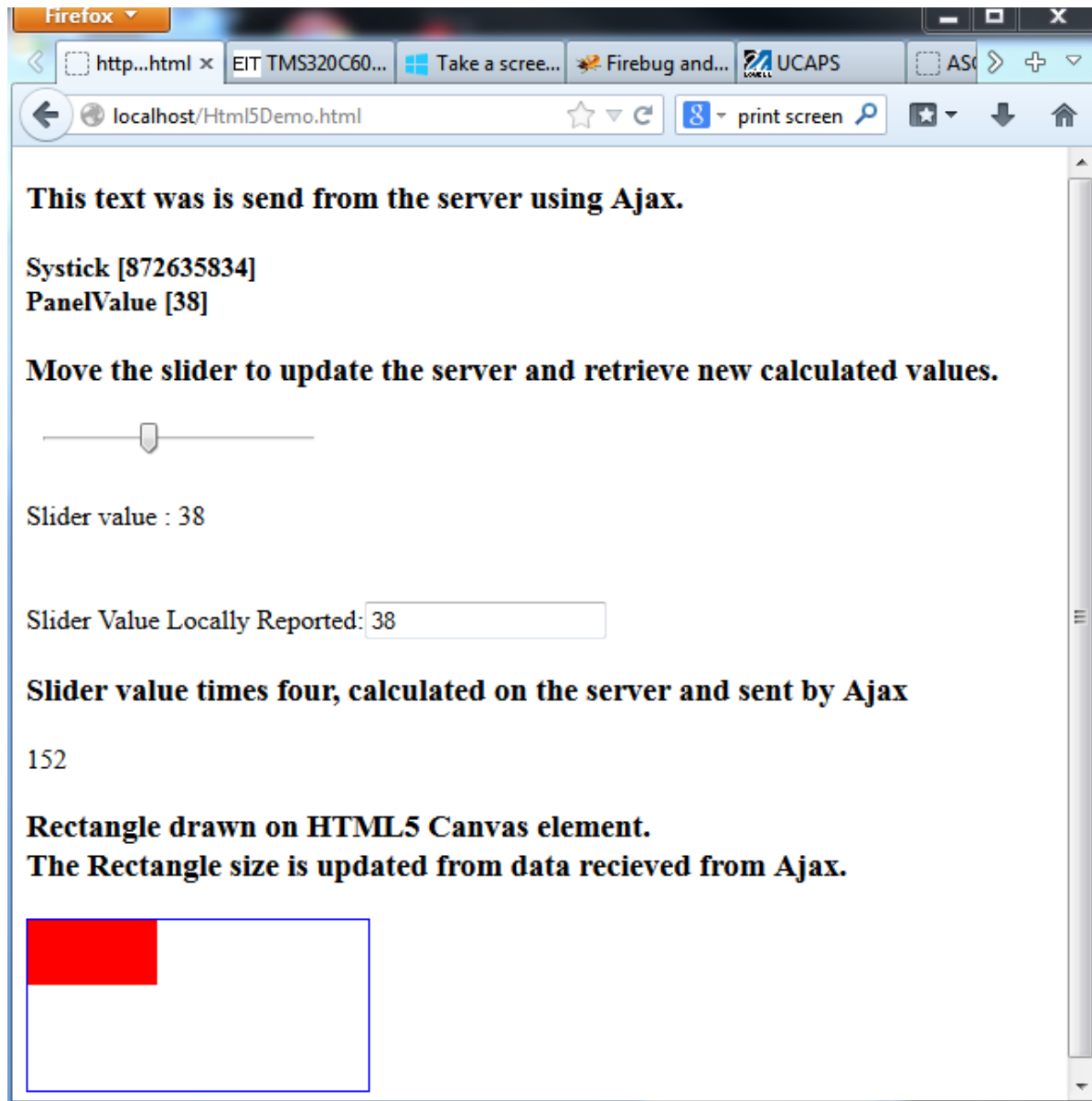
This is the Web Page displayed when running the advanced server in either foreground mode or background mode and accessing the server's compiled in index page at <http://localhost/romindex.html>.



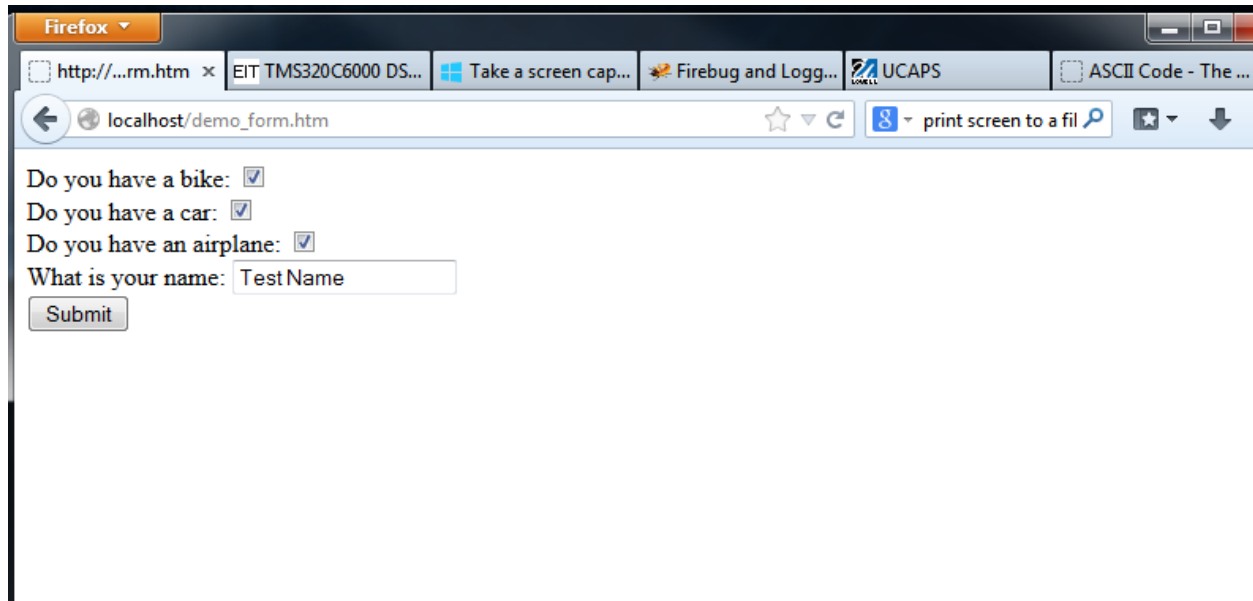
This is the Web Page when running the advanced server in either foreground mode or background mode and accessing the server's compiled in index page at the <http://localhost/Html4Demo.html>. This page is also accessible as a link from <http://localhost/romindex.html>.



This is the the Web Page when running the advanced server in either foreground mode or background mode and accessing the server's compiled in index page at the <http://localhost/Html5Demo.html>. This page is also accessible as a link from <http://localhost/romindex.html>.



This is the the Web Page when running the advanced server in either foreground mode or background mode and accessing the server's compiled in index page at the http://localhost/demo_form.html. This page is also accessible as a link from <http://localhost/romindex.html>.



Firefox

http://...rm.htm x EIT TMS320C6000 DS... Take a screen cap... Firebug and Logg... UCAPS ASCII Code - The ...

localhost/demo_form.htm

Do you have a bike: ☒

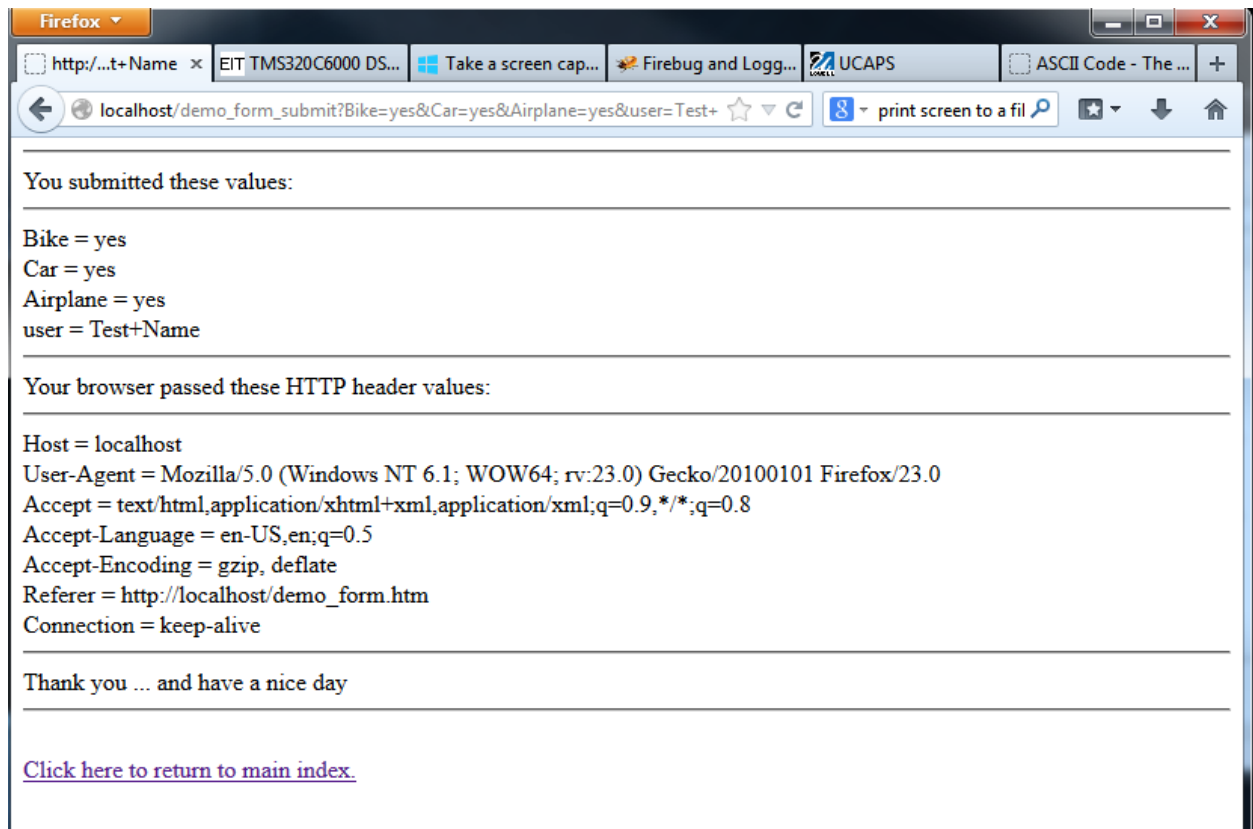
Do you have a car: ☒

Do you have an airplane: ☒

What is your name:

Submit

This is the the Web Page displayed when running the advanced server in either foreground mode or background mode and Submitting the page at the http://localhost/demo_form.html.



Firefox

http://...t+Name x EIT TMS320C6000 DS... Take a screen cap... Firebug and Logg... UCAPS ASCII Code - The ...

localhost/demo_form_submit?Bike=yes&Car=yes&Airplane=yes&user=Test+

You submitted these values:

Bike = yes
Car = yes
Airplane = yes
user = Test+Name

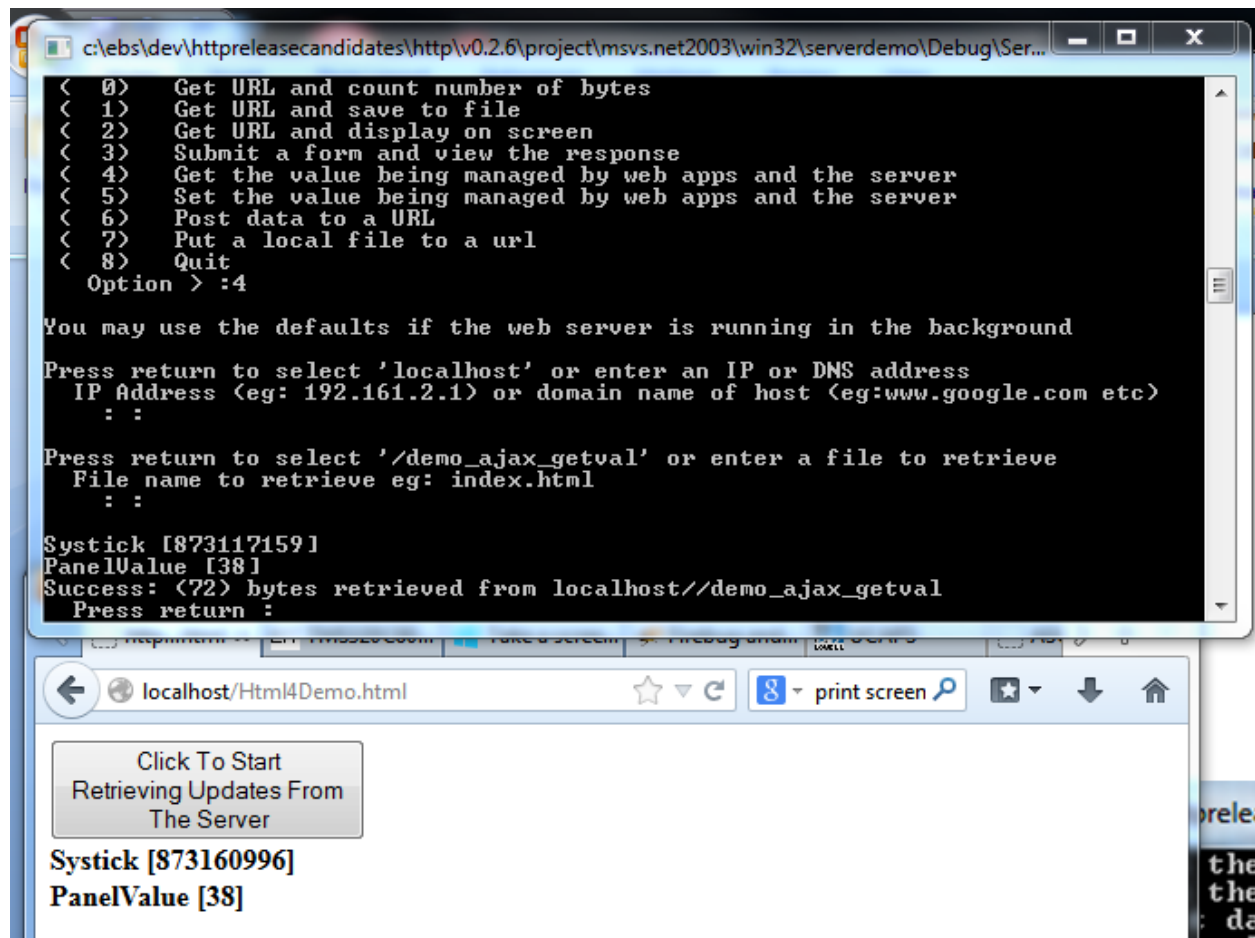
Your browser passed these HTTP header values:

Host = localhost
User-Agent = Mozilla/5.0 (Windows NT 6.1; WOW64; rv:23.0) Gecko/20100101 Firefox/23.0
Accept = text/html,application/xhtml+xml,application/xml;q=0.9,*/*;q=0.8
Accept-Language = en-US,en;q=0.5
Accept-Encoding = gzip, deflate
Referer = http://localhost/demo_form.htm
Connection = keep-alive

Thank you ... and have a nice day

[Click here to return to main index.](#)

The console values displayed when running the advanced server in background mode selecting option 4 from the client menu. Note that the value labeled as "Panel Value" in the console has the same value as the being display in the web browser displaying <http://localhost/Html4Demo.html>.



The console values displayed when running the advanced server in background mode selecting option 5 from the client menu. Note that the Value was changed to 95 in the console window and that value is the same value being display in the web browser displaying <http://localhost/Html4Demo.html>.

