COMP 489 TME 1

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Jar files are found in the /bin folder. Each is run as java -jar (filename). Projects are compiled with Eclipse 4.4.2 with Java 5.

Test cases are as follows:

1. Test proxy service.
2. Start proxy service from the command line with “java -jar proxy.jar”
3. Configure browser to use a proxy at “localhost:4444”.
4. Attempt to connect to FTP and HTTP sites with the browser.
5. Attempt to connect to non-existent FTP and HTTP sites.
6. Test client.
7. If the proxy service is not already running, start from the command line with “java -jar proxy.jar”.
8. Start the client from the command line with “java -jar client.jar”
9. Enter complete, properly formed HTTP and FTP sites to test that content is retrieved.
10. Enter an address without a protocol specified to see a malformed URL error.
11. Enter a non-existent address to receive a 404 error.
12. Enter ‘q’ to exit.
13. Test web service.
14. Make sure no other applications are listening on port 80.
15. Start the web service from the command line with “java -jar web.jar”
16. In a browser, try to load an HTTP or FTP page.
17. In a browser, try to load non-existent HTTP or FTP pages.
18. Try to load the addresses “localhost/testfile.html” and “localhost/testfile.jpg”. These files are held in the “Content” folder, and more files can be added if desired.
19. Test integration of client, proxy, and web services.
20. If the proxy service is not already running, start from the command line with “java -jar proxy.jar”.
21. If the web service is not already running, start from the command line with “java -jar web.jar”.
22. Start the client from the command line with “java -jar web.jar”.
23. Try to load valid, fully named (with protocol) HTTP and FTP addresses.
24. Try to load an address without a protocol specified.
25. Try to load a non-existent address.
26. Try to load “HTTP://localhost/testfile.html” and “HTTP://localhost/testfile.jpg”