**HTML Web Server**

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It is a simple JAVA based HTML (1.0/1.1) webserver. It serves three types of requests namely: GET, POST and HEAD. All these requests are handled differently.

Basic web server functionalities are also implemented such as completing the URL and not letting the user access root files etc. This webserver also returns the error with error code and its status. Following error classes are handled in this webserver: 200, 301, 404.

**Testing (JUnit Test Cases)**

Standard testing is carried out against all the implemented interfaces to check its functionality and correctness. Testing is carried out incrementally therefore I have created following three test cases:

* **Header Test**

This test simply checks how webserver deals with header request. It requests a header of some file from webserver and displays its contents

* **Get Test**

This test simply checks how webserver deals with “GET” request. It requests a file from webserver using get method and displays its contents. If its unable to find the file 404 error is displayed.

* **Post Test**

This test simply checks how webserver deals with “POST” request. A post request is generated from webserver and corresponding file is uploaded to the server.

**Github:** [**http://www.github.com/hunainarif/JAVA-WebServer**](http://www.github.com/hunainarif/JAVA-WebServeri)