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Before I start this write-up I would like to cite <http://www.cs.bu.edu/fac/matta/Teaching/CS552/F99/proj4/> as a major source of understanding for this assignment.

My program opens up the socket on port 46209 and listens in for every time an HTTP request is made.

Once a request is made that request is then handled by a thread to handle.

Once the thread starts running it parses the filename of the get request and checks if the file exists.

200 - If the file exists it will find the file and send back the corresponding information after creating the response message.

301 - If the file doesn't exist it runs through a redirectory file that has two columns.

Old_file_location New_file_location

It will check if the filename is in old_file_location and then send the new_file_location.

404 - If the filename isn't found in the redirectory file, then the file doesn't exist and the user is sent a message that agrees with that notion.

The Server.java is the only source code file I have and the only one that needs to be run.

Index.html is the main HTML file I put in there, it contains an excerpt from Gene Ray's TimeCube (timecube.2enp.com) which does not reflect any of my own views, I just thought it was large enough and would be comical.

Redirectory.txt is the redirectory file.

timecube.gif is a picture referenced in index.html

I did all of this in Eclipse, but all of this should be able to compile and run if it is in the same directory.

If you have any questions or concerns feel free to e-mail me at Maxwell.sanders@mavs.uta.edu