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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.

Redirectory.txt is the redirectory file.

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.