

Laboratory Assignment #7

Super Store Application using HTTP Requests

Modify one of your existing Super Store programs –preferably one of the multithreaded ones- to acquire the sale statistics files to be parsed through HTTP requests sent to the given addresses.

- <http://homes.ieu.edu.tr/culudagli/files/SE375/datasets/01-January.txt>
- <http://homes.ieu.edu.tr/culudagli/files/SE375/datasets/02-February.txt>
- <http://homes.ieu.edu.tr/culudagli/files/SE375/datasets/03-March.txt>
- <http://homes.ieu.edu.tr/culudagli/files/SE375/datasets/04-April.txt>
- ...
- ...
- ...
- <http://homes.ieu.edu.tr/culudagli/files/SE375/datasets/12-December.txt>

Modify your argument passing to include the first argument as the uniform resource locator (URL) link of the folder where all the files reside. Then, the rest defines the filenames as usual.

REMEMBER THAT, the file types of the sale statistics are changed from “.csv” to “.txt”; however, the contents of the files are all the same. Therefore, you only need to change the filename extensions to .txt in your code. -e.g. ...new File(path + “01-January.txt”) - Your earlier code for parsing the files should work in that case, if there are no other problems.

Use Wireshark to debug your HTTP requests. Try to intercept and analyze the packet contents of your requests and the replies that you acquire for those requests.

Note: Although this assignment is still building on top of the Super Store assignments, it is actually independent.