

Building a Rudimentary Web Crawler

Given a list of urls here ([web_crawler_url_list.txt](#)), write a Java program that will fetch each page and determine whether a search term exists on the page (this search can be a really rudimentary regex - this part isn't too important).

You can make up the search terms. Ignore columns that contain irrelevant information in the [web_crawler_url_list.txt](#) file.

Constraints

1. The solution is to be implemented in Java
2. Search is case insensitive
3. Should be concurrent AND it should not have more than 20 HTTP requests at any given time.
4. The results should be written out to a file results.txt
5. Avoid using any thread pooling libraries. For example, in Java, don't use Executor, ThreadPoolExecutor, Celluloid, or Parallel streams.

Submission Instructions

1. Upload your solution to Github or Google drive or anywhere that can be easily downloaded.
2. Include instructions on how to run your solution from the command line.

Final Notes

This may be a simple coding exercise that you should have no problem to complete in a couple of hours. Nevertheless please try your best to produce quality production code that is functionally correct, bug-free, unit-testable, clean, elegant, performant, scalable, etc. These are the kind of code quality attributes that we enforce in our team.