Apache Log Proccesing work flow

Log
File

While loop reads file ->Line by Line

Each thread gets one line

After all threads finished if there are
more lines to read the loop repeats

Thread

Thread

Thread

The Executor will keep on
executing new threads according
to the value of the static variable

NUM_OF_THREADS

Thread work flow:

- Parse the line
- Put the parsed parts in the suitable concurrent hashMap.
  (The maps function as counters counting number of
  accesses to server, e.g browserAccessToServerMap :
  Key -> browser name
  Value -> number of accesses to server as written in the
  log file.

Analyzing the access to server maps and

Output the results into new file

Output
analysis file

.txt