With parallel pipeline, reading the logs is tricky.

Research project:

Is there a way we can get logs for a particular stage in Jenkins instead of Blue Ocean ?

Blue Ocean is able to do it magically.

Stages can be read concurrently.

Read the log of each stage independently.

Blue ocen is able to distinuguish between logs from Stage 1 and Stage 2 where the 2 stages run in parallel.

Figure out logs from different threads.

A workaround could work here,

“tee” writes the output to standard output and also to a file.

Parallel stages in Jenkins: how to read the log of each stage independently

Blue Ocean is able to distinguish between logs from Stage 1 and Stage 2 where the 2 stages run in parallel.

However when we call getLogs(number\_of\_lines) in a Jenkins pipeline Groovy, we see all logs across all stages.

Is there a way that we can programatically get the logs for Stage 1 and not those of Stage 2?

Benefit: this would reduce false results coming from unpredictable logs.

**Hint:** there may be more than one way to solve the problem:

* **Solution 1**: a 'native' Jenkins DSL groovy API solution
* **Solution 2**: workaround involving Linux command and maybe Groovy commands
  + dump the logs into a dedicated log file and parse the log file and not the 'global logs'
  + there are ways to do this in Linux - e.g. the the 'tee' command?  Diverting output into dedicated logs
* **Variation of Solution 2**: maybe we can't split the logs by Stage... but maybe we can write logs for specific operations - e.g. 3p-utils scan\_third\_parties(...) output could be diverted to a special log ?
  + Hint: maybe by naming the logs in a special way we could easily find them later ?