

ABSTRACT

Systems, methods, and computer program products are provided for efficiently storing multi-threaded log data. A method includes receiving multi-threaded log data comprising logs, markers, and thread identifiers. For each respective log, the respective thread identifier is set as a most recently used item in a thread reference cache. A respective log cache in a map data structure is determined based on the respective thread identifier. The respective log is added to the respective log cache. Whether to communicate the respective log and/or the respective log cache to a first repository is determined based on the respective marker. The respective log is communicated to a second repository. Whether to remove an oldest log from the log cache is determined based on a log cache size limit and/or a time limit. Whether to remove a least recently used log cache is determined based on at least one map data structure size limit.

< Figure 1A>