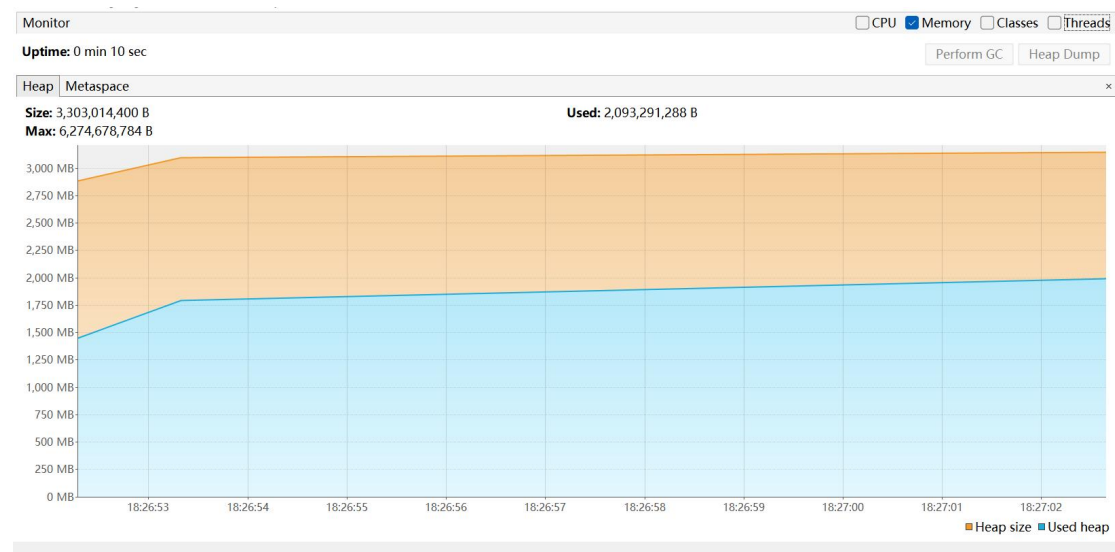
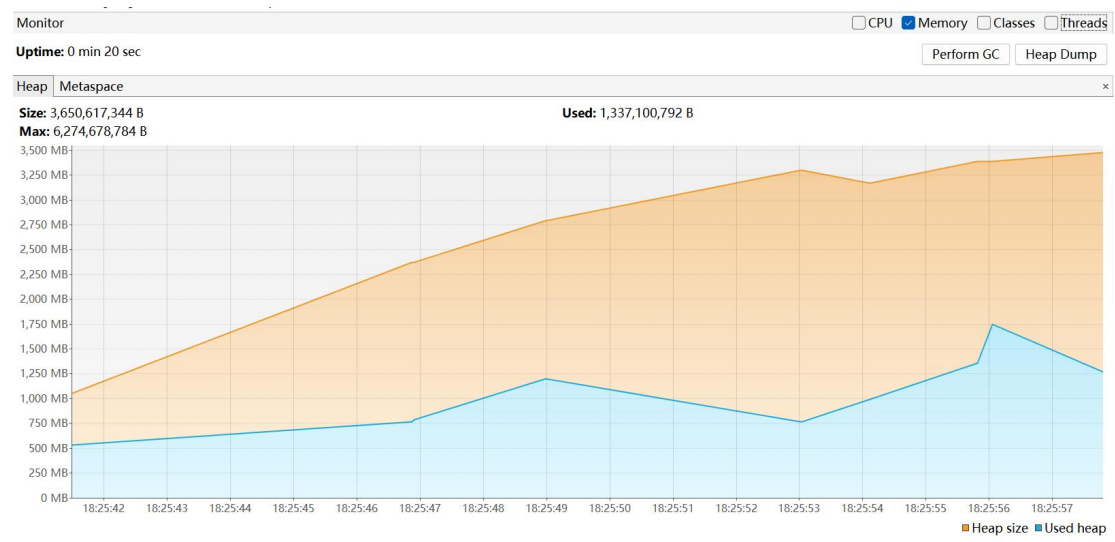


Compare LinkedList with ArrayList:

ArrayList:



LinkedList:

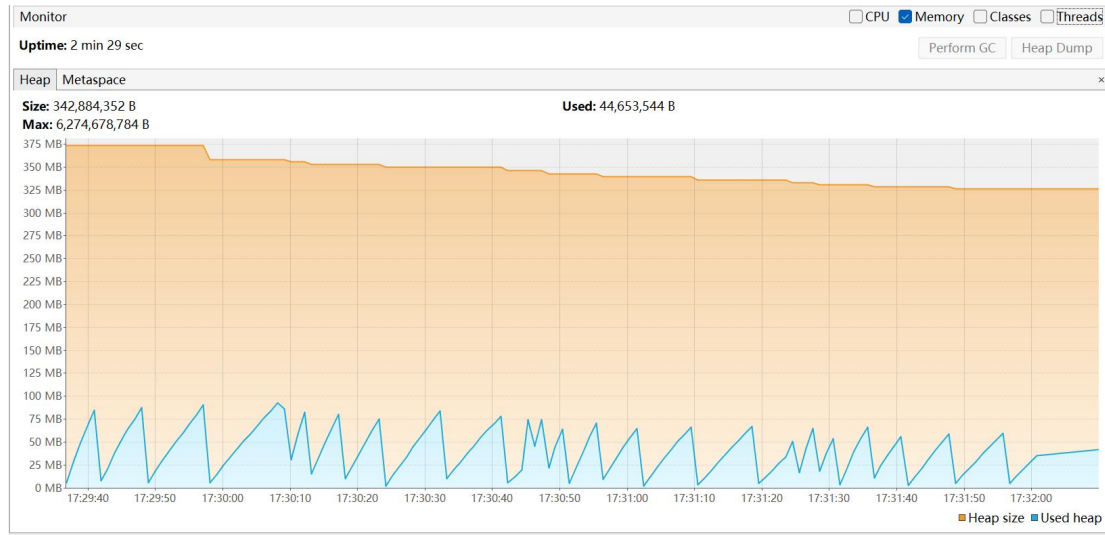


Analysis result:

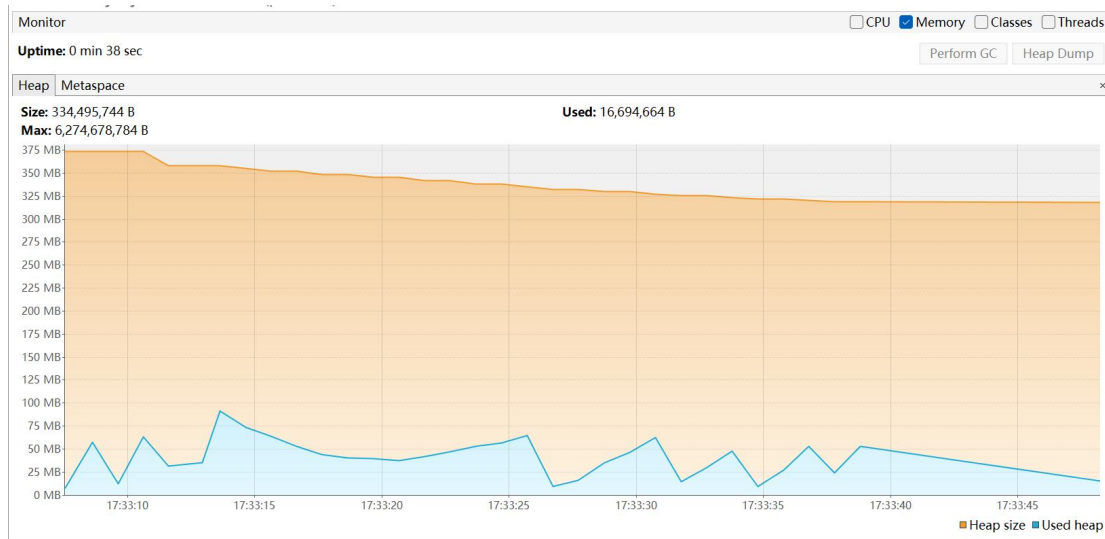
The ArrayList takes less time than LinkedList, but it occupied more memory.

Compare ConsoleAppender with FileAppender:

ConsoleAppender:



FileAppender:



Analysis result:

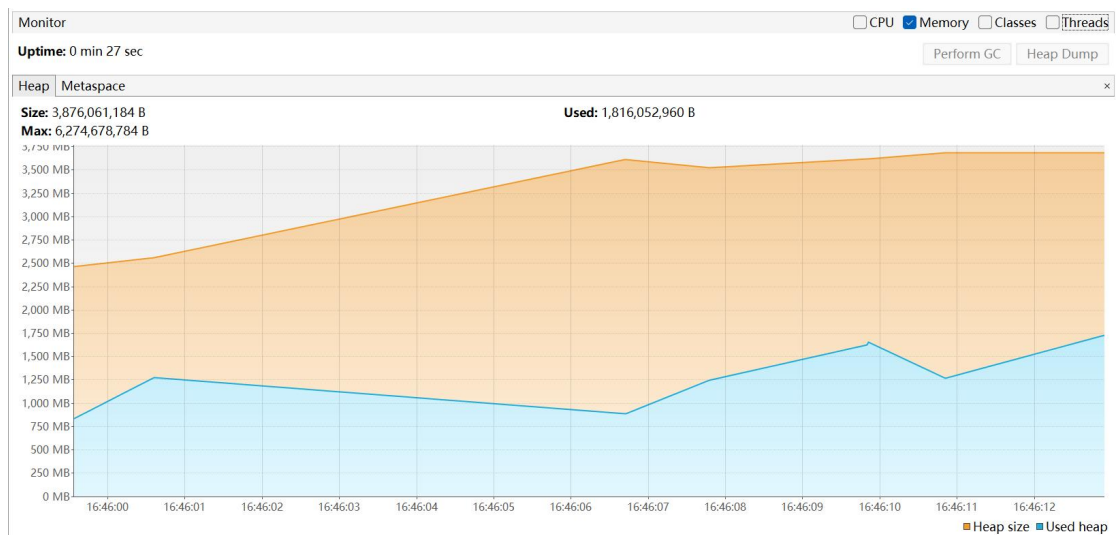
ConsoleAppender takes more time than FileAppender and occupied more memory.

ConsoleAppender: The log content can be output in the console.

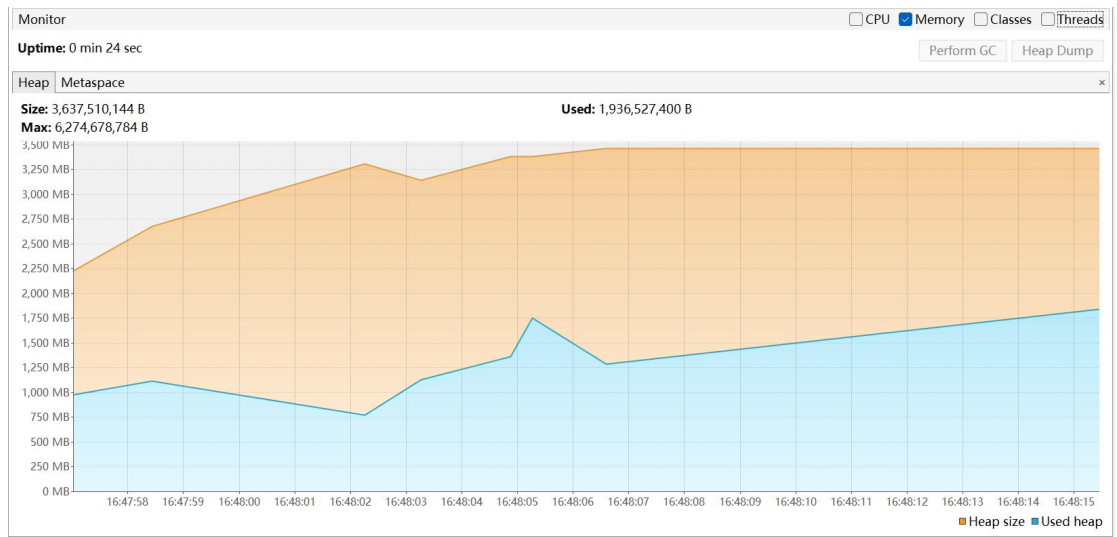
FileAppender: The log content can be output in the files.

Compare PatternLayout with VelocityLayout:

PatternLayout:



VelocityLayout:

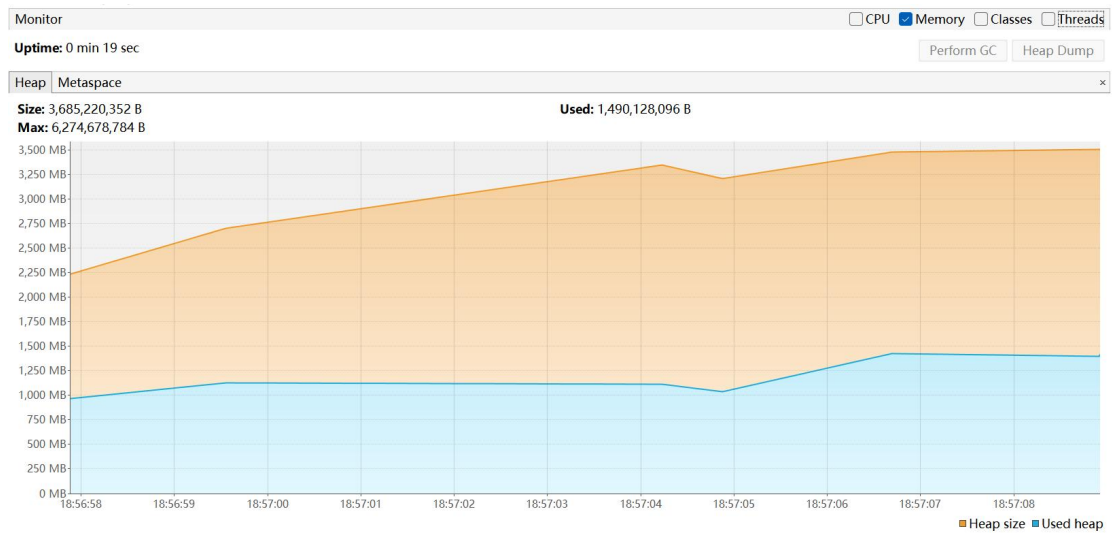


Analysis result:

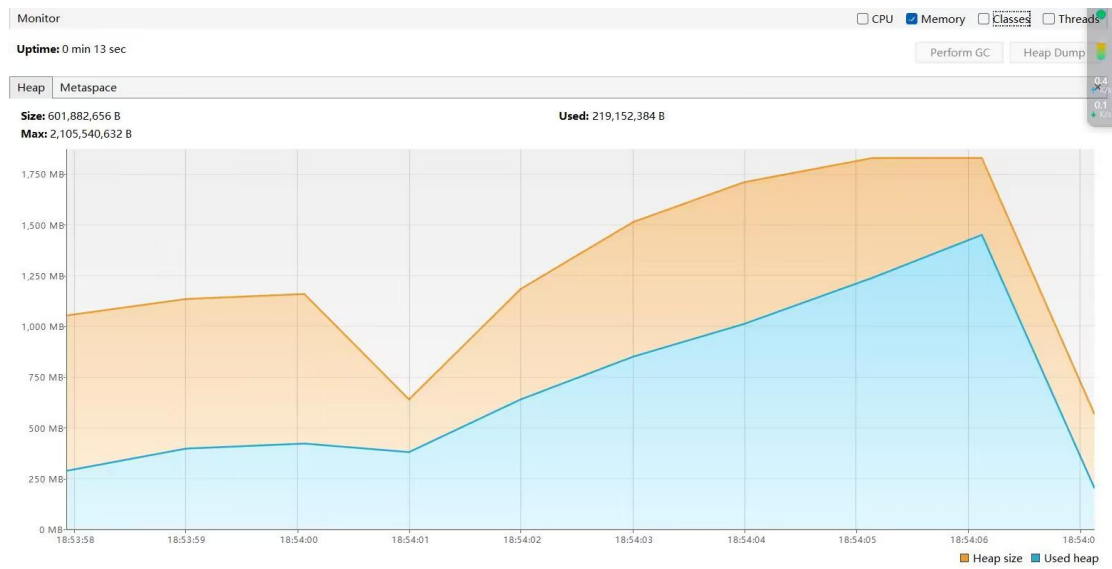
I write their formats in the same form, PatternLayout takes more time than VelocityLayout.

Analysis Max Size:

Before max size:



After max size:



Analysis result:

Due to the long running time and useless data wasting too much memory, the virtual machine starts to collect garbage, so it will drop. When it does not reach the MaxSize, it will keep increasing. If it exceeds the set maximum limit, it will crash. After reaching MaxSize, he will clean up the unnecessary data and only keep the needed data.