CSE 687 Object Oriented Design Project

MapReduce

Phase #3: Write-Up

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Summary:

* For Phase 3 of the MapReduce project, I created the partition functions for the map & reduce DLL functions. The two partition functions helped divide the number of threads that would be used for each map and reduce process. Once the partition functions were complete, I ensured that the DLL code could handle multiple threads reading and writing from a shared data source (mainly in the reduce DLL function since sorting and aggregating uses a shared data container for the final format of the data). Once this was complete, I made sure to log any necessary information to the user so that they know which part of the process is taking place.