

## **Map/Reduce**

Get familiar with Google's MapReduce [1] programming model.

Implement a sample application with an open source framework of your choice; e.g. Hadoop [2], Twister [3], etc.

Test it locally and on a (at least pseudo-) distributed system and document performance.

Please submit your implementation until Tuesday, June 15 via E-Mail as zip without binaries but including a readme (names+matNrs., what is it, how does it work, how to compile/run it, ...) .

Explain MapReduce and present/run your implementation in the PS on Wednesday, June 16.

Work again in teams (ideally two people); Note: the more people work on the assignment, the more elaborate I expect the submission to be.....

[1] <http://labs.google.com/papers/mapreduce-osdi04.pdf>

[2] <http://hadoop.apache.org/mapreduce/>

[3] <http://www.iterativemapreduce.org/>