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/ 04 - Complex Reducer

Assignment: 04 - Complex Reducer

Bucket: 3 - In-Class

Due Date: 2016-02-05

Grading Hidden? no

Teams? no

Description:

Start with the "combiner" code from the lecture on Tuesday:

http://ccs.neu.edu/home/ntuck/courses/2016/01/cs6240/mr-details-lecture.tar.gz
(http://ccs.neu.edu/home/ntuck/courses/2016/01/cs6240/mr-details-lecture.tar.gz).

Make the following changes:

- Add a custom partitioner that splits the keys among three reducers:
    - Words starting with a capital letter.
    - Words starting with a lowercase letter.
    - Words starting with a non-letter.
- Your map-reduce program should emit word counts as usual.
- In addition, your reducers should output the total number of words in their category to stdout,
  E.g. (System.out.println ("There are " + count + " words starting with letters like [" + sampleLetter + "]");)

Include a "results.txt" file showing how many words in each group. Don't include jars, classes, or Map-Reduce
output.

Assignment Download: ()

Your Submissions

New Submission (/assignments/40/submissions/new)

Date	Status	Automatic	Teacher	Score	Link
2016-02-05 21:49:33 -0500	✓	∅ / 100	100.0 / 100	100.0 / 100	View (/submissions/2923)

Course Page (http://www.ccs.neu.edu/home/ntuck/courses/2016/01/cs6240/index.html) | Piazza (https://piazza.com/class/ij4yepvnz8v3zf)

ajax-status: none