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[j111046@login-2-1 PA3]$ hadoop jar pageRank.jar PageRank class3/input.txt class3/output
19/09/23 18:19:46 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.
19/09/23 18:19:46 INFO input.FileInputFormat: Total input paths to process : 1
19/09/23 18:19:47 INFO mapreduce.JobSubmitter: number of splits:1
19/09/23 18:19:47 INFO Configuration.deprecation: mapred.textoutputformat.separator is deprecated. Instead, use mapreduce.output.textoutputformat.separator
19/09/23 18:19:47 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1569268517451_0268
19/09/23 18:19:47 INFO impl.YarnClientImpl: Submitted application application_1569268517451_0268
19/09/23 18:19:47 INFO mapreduce.Job: The url to track the job: http://babar.es.its.nyu.edu:8088/proxy/application_1569268517451_0268/
19/09/23 18:19:47 INFO mapreduce.Job: Running job: job_1569268517451_0268
19/09/23 18:19:52 INFO mapreduce.Job: Job job_1569268517451_0268 running in uber mode : false
19/09/23 18:19:52 INFO mapreduce.Job: map 0% reduce 0%
19/09/23 18:19:56 INFO mapreduce.Job: map 100% reduce 0%
19/09/23 18:20:01 INFO mapreduce.Job: map 100% reduce 100%
19/09/23 18:20:02 INFO mapreduce.Job: Job job_1569268517451_0268 completed successfully
19/09/23 18:20:02 INFO mapreduce.Job: Counters: 49
  File System Counters
    FILE: Number of bytes read=188
    FILE: Number of bytes written=309041
    FILE: Number of read operations=0
    FILE: Number of large read operations=0
    FILE: Number of write operations=0
    HDFS: Number of bytes read=207
    HDFS: Number of bytes written=151
    HDFS: Number of read operations=6
    HDFS: Number of large read operations=0
    HDFS: Number of write operations=2
  Job Counters
    Launched map tasks=1
    Launched reduce tasks=1
    Data-local map tasks=1
    Total time spent by all maps in occupied slots (ms)=8360
    Total time spent by all reduces in occupied slots (ms)=14070
    Total time spent by all map tasks (ms)=2090
    Total time spent by all reduce tasks (ms)=2345
    Total vcore-milliseconds taken by all map tasks=2090
    Total vcore-milliseconds taken by all reduce tasks=2345
    Total megabyte-milliseconds taken by all map tasks=8560640
    Total megabyte-milliseconds taken by all reduce tasks=14407680
  Map-Reduce Framework
    Map input records=6
    Map output records=21
    Map output bytes=257
    Map output materialized bytes=184
    Input split bytes=107
    Combine input records=0
    Combine output records=0
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        Reduce input groups=6
        Reduce shuffle bytes=184
        Reduce input records=21
        Reduce output records=6
        Spilled Records=42
        Shuffled Maps =1
        Failed Shuffles=0
        Merged Map outputs=1
        GC time elapsed (ms)=95
        CPU time spent (ms)=1910
        Physical memory (bytes) snapshot=911691776
        Virtual memory (bytes) snapshot=7472320512
        Total committed heap usage (bytes)=2375024640
    Shuffle Errors
        BAD_ID=0
        CONNECTION=0
        IO_ERROR=0
        WRONG_LENGTH=0
        WRONG_MAP=0
        WRONG_REDUCE=0
    File Input Format Counters
        Bytes Read=100
    File Output Format Counters
        Bytes Written=151
[jl11046@login-2-1 PA3]$ hdfs dfs -ls class3/output
Found 2 items
-rw-r--r--+ 3 jl11046 users          0 2019-09-23 18:20 class3/output/_SUCCESS
-rw-r--r--+ 3 jl11046 users        151 2019-09-23 18:19 class3/output/part-r-00000
[jl11046@login-2-1 PA3]$ hdfs dfs -cat class3/part-r-00000
cat: `class3/part-r-00000': No such file or directory
[jl11046@login-2-1 PA3]$ hdfs dfs -cat class3/output/part-r-00000
A C J 0.116669
B D E J 0.20000040000000002
C A B 0.20000040000000002
D A B C E J 0.05555566666666667
E J 0.08888906666666667
J B C 0.3388956666666667

```