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samlasky2@cluster-0e38-m:~/cs1660_WordCount$ hadoop jar wc2.jar wc2 /inputData3 /output45
2021-11-19 00:20:27,971 INFO client.RMPProxy: Connecting to ResourceManager at cluster-0e38-m/10.128.0.26:8032
2021-11-19 00:20:28,166 INFO client.AHSProxy: Connecting to Application History server at cluster-0e38-m/10.128.0.26:10200
2021-11-19 00:20:28,361 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.
2021-11-19 00:20:28,383 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /tmp/hadoop-yarn/staging/samlasky2/.staging/job_1637266552944_0003
2021-11-19 00:20:28,659 INFO input.FileInputFormat: Total input files to process : 1
2021-11-19 00:20:28,766 INFO mapreduce.JobSubmitter: number of splits:1
2021-11-19 00:20:28,924 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1637266552944_0003
2021-11-19 00:20:28,926 INFO mapreduce.JobSubmitter: Executing with tokens: []
2021-11-19 00:20:29,136 INFO conf.Configuration: resource-types.xml not found
2021-11-19 00:20:29,136 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
2021-11-19 00:20:29,485 INFO impl.YarnClientImpl: Submitted application application_1637266552944_0003
2021-11-19 00:20:29,537 INFO mapreduce.Job: The url to track the job: http://cluster-0e38-m:8088/proxy/application_1637266552944_0003/
2021-11-19 00:20:29,538 INFO mapreduce.Job: Running job: job_1637266552944_0003
2021-11-19 00:20:37,647 INFO mapreduce.Job: Job job_1637266552944_0003 running in uber mode : false
2021-11-19 00:20:37,648 INFO mapreduce.Job: map 0% reduce 0%
2021-11-19 00:20:42,717 INFO mapreduce.Job: map 100% reduce 0%
2021-11-19 00:20:49,771 INFO mapreduce.Job: map 100% reduce 14%
2021-11-19 00:20:51,790 INFO mapreduce.Job: map 100% reduce 43%
2021-11-19 00:20:52,796 INFO mapreduce.Job: map 100% reduce 71%
2021-11-19 00:20:53,803 INFO mapreduce.Job: map 100% reduce 100%
2021-11-19 00:20:55,825 INFO mapreduce.Job: Job job_1637266552944_0003 completed successfully
2021-11-19 00:20:55,938 INFO mapreduce.Job: Counters: 55
  File System Counters
    FILE: Number of bytes read=196977
    FILE: Number of bytes written=2348129
    FILE: Number of read operations=0
    FILE: Number of large read operations=0
    FILE: Number of write operations=0
    HDFS: Number of bytes read=1777265
    HDFS: Number of bytes written=9111
    HDFS: Number of read operations=38
    HDFS: Number of large read operations=0
    HDFS: Number of write operations=21
    HDFS: Number of bytes read erasure-coded=0
  Job Counters
    Killed reduce tasks=1
    Launched map tasks=1
    Launched reduce tasks=7
    Data-local map tasks=1
    Total time spent by all maps in occupied slots (ms)=9976116
    Total time spent by all reduces in occupied slots (ms)=114622764
    Total time spent by all map tasks (ms)=3161
    Total time spent by all reduce tasks (ms)=36319
    Total vcore-milliseconds taken by all map tasks=3161
    Total vcore-milliseconds taken by all reduce tasks=36319
    Total megabyte-milliseconds taken by all map tasks=9976116
    Total megabyte-milliseconds taken by all reduce tasks=114622764
  Map-Reduce Framework
    Map input records=13130
    Map output records=13129
    Map output bytes=170677
    Map output materialized bytes=196977
    Input split bytes=97
    Combine input records=0
    Combine output records=0
    Reduce input groups=730
    Reduce shuffle bytes=196977
    Reduce input records=13129
    Reduce output records=730
    Spilled Records=26258
    Shuffled Maps =7
    Failed Shuffles=0
    Merged Map outputs=7
    GC time elapsed (ms)=919
    CPU time spent (ms)=7080
    Physical memory (bytes) snapshot=2444734464
    Virtual memory (bytes) snapshot=35444826112
```

Total megabyte-milliseconds taken by all reduce tasks=11462

Map-Reduce Framework

Map input records=13130
Map output records=13129
Map output bytes=170677
Map output materialized bytes=196977
Input split bytes=97
Combine input records=0
Combine output records=0
Reduce input groups=730
Reduce shuffle bytes=196977
Reduce input records=13129
Reduce output records=730
Spilled Records=26258
Shuffled Maps =7
Failed Shuffles=0
Merged Map outputs=7
GC time elapsed (ms)=919
CPU time spent (ms)=7080
Physical memory (bytes) snapshot=2444734464
Virtual memory (bytes) snapshot=35444826112
Total committed heap usage (bytes)=2426404864
Peak Map Physical memory (bytes)=505044992
Peak Map Virtual memory (bytes)=4424527872
Peak Reduce Physical memory (bytes)=299143168
Peak Reduce Virtual memory (bytes)=4436025344

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=1777168

File Output Format Counters

Bytes Written=9111