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hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -mkdir /kusum_topn
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -put ./input.txt /kusum_topn/
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -ls /kusum_topn/
Found 1 items
-rw-r--r-- 1 hduser supergroup 103 2022-06-27 15:43 /kusum_topn/input.txt
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hadoop jar topn.jar TopNDriver
/kusum_topn/input.txt /kusum_topn/output
Exception in thread "main" java.lang.ClassNotFoundException:
TopNDriverat
java.net.URLClassLoader.findClass(URLClassLoader.java:382)
a
java.lang.ClassLoader.loadClass(ClassLoader.java:418)at
java.lang.ClassLoader.loadClass(ClassLoader.java:351) at
java.lang.Class.forName0(Native Method)
at java.lang.Class.forName(Class.java:348)
at org.apache.hadoop.util.RunJar.run(RunJar.java:214)
at org.apache.hadoop.util.RunJar.main(RunJar.java:136)
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hadoop jar topn.jar topn.TopNDriver
/kusum_topn/input.txt /kusum_topn/output
22/06/27 15:45:22 INFO Configuration.deprecation: session.id is deprecated. Instead,
usedfs.metrics.session-id
22/06/27 15:45:22 INFO jvm.JvmMetrics: Initializing JVM Metrics with
processName=JobTracker, sessionId=
22/06/27 15:45:22 INFO input.FileInputFormat: Total input paths to process :
122/06/27 15:45:22 INFO mapreduce.JobSubmitter: number of splits:1
22/06/27 15:45:22 INFO mapreduce.JobSubmitter: Submitting tokens for job:
job_local691635730_000122/06/27 15:45:22 INFO mapreduce.Job: The url to track the job: http://
localhost:8080/
22/06/27 15:45:22 INFO mapreduce.Job: Running job: job_local691635730_0001
22/06/27 15:45:22 INFO mapred.LocalJobRunner: OutputCommitter set in config
null22/06/27 15:45:22 INFO mapred.LocalJobRunner: OutputCommitter is
org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter
22/06/27 15:45:22 INFO mapred.LocalJobRunner: Waiting for map tasks
22/06/27 15:45:22 INFO mapred.LocalJobRunner: Starting task:
attempt_local691635730_0001_m_000000_022/06/27 15:45:22 INFO mapred.Task: Using
ResourceCalculatorProcessTree : [ ]
22/06/27 15:45:22 INFO mapred.MapTask: Processing
split:hdfs://localhost:54310/kusum_topn/input.txt:0+103
22/06/27 15:45:22 INFO mapred.MapTask: (EQUATOR) 0 kvi 26214396(104857584)
22/06/27 15:45:22 INFO mapred.MapTask: mapreduce.task.io.sort.mb:
10022/06/27 15:45:22 INFO mapred.MapTask: soft limit at 83886080
22/06/27 15:45:22 INFO mapred.MapTask: bufstart = 0; bufvoid = 104857600
22/06/27 15:45:22 INFO mapred.MapTask: kvstart = 26214396; length =
655360022/06/27 15:45:22 INFO mapred.MapTask: Map output collector class =
org.apache.hadoop.mapred.MapTask$MapOutputBuffer
22/06/27 15:45:22 INFO mapred.LocalJobRunner:
22/06/27 15:45:22 INFO mapred.MapTask: Starting flush of map
output22/06/27 15:45:22 INFO mapred.MapTask: Spilling map output
22/06/27 15:45:22 INFO mapred.MapTask: bufstart = 0; bufend = 187; bufvoid = 104857600
22/06/27 15:45:22 INFO mapred.MapTask: kvstart = 26214396(104857584); kvend = 26214316(104857264);
length = 81/6553600
22/06/27 15:45:22 INFO mapred.MapTask: Finished spill 0
22/06/27 15:45:22 INFO mapred.Task: Task:attempt_local691635730_0001_m_000000_0 is done. And is
inthe process of committing
22/06/27 15:45:22 INFO mapred.LocalJobRunner: map
22/06/27 15:45:22 INFO mapred.Task: Task 'attempt_local691635730_0001_m_000000_0' done.
22/06/27 15:45:22 INFO mapred.LocalJobRunner: Finishing task:
attempt_local691635730_0001_m_000000_022/06/27 15:45:22 INFO mapred.LocalJobRunner: map task
executor complete.
22/06/27 15:45:22 INFO mapred.LocalJobRunner: Waiting for reduce tasks
22/06/27 15:45:22 INFO mapred.LocalJobRunner: Starting task:
attempt_local691635730_0001_r_000000_022/06/27 15:45:22 INFO mapred.Task: Using
ResourceCalculatorProcessTree : [ ]

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22/06/27 15:45:22 INFO mapred.ReduceTask: Using
ShuffleConsumerPlugin:
org.apache.hadoop.mapreduce.task.reduce.Shuffle@40a5e65a
22/06/27 15:45:22 INFO reduce.MergeManagerImpl: MergerManager:
memoryLimit=334338464,maxSingleShuffleLimit=83584616, mergeThreshold=220663392,
ioSortFactor=10, memToMemMergeOutputsThreshold=10
22/06/27 15:45:22 INFO reduce.EventFetcher: attempt_local691635730_0001_r_000000_0 Thread
started:EventFetcher for fetching Map Completion Events
22/06/27 15:45:22 INFO reduce.LocalFetcher: localfetcher#1 about to shuffle output of
mapattempt_local691635730_0001_m_000000_0 decomp: 231 len: 235 to MEMORY
22/06/27 15:45:22 INFO reduce.InMemoryMapOutput: Read 231 bytes from map-output
forattempt_local691635730_0001_m_000000_0
22/06/27 15:45:22 INFO reduce.MergeManagerImpl: closeInMemoryFile -> map-output of size:
231,inMemoryMapOutputs.size() -> 1, commitMemory -> 0, usedMemory ->231
22/06/27 15:45:22 INFO reduce.EventFetcher: EventFetcher is interrupted..
Returning22/06/27 15:45:22 INFO mapred.LocalJobRunner: 1 / 1 copied.
22/06/27 15:45:22 INFO reduce.MergeManagerImpl: finalMerge called with 1 in-memory map-outputs and
0on-disk map-outputs
22/06/27 15:45:22 INFO mapred.Merger: Merging 1 sorted segments
22/06/27 15:45:22 INFO mapred.Merger: Down to the last merge-pass, with 1 segments left of
totalsize: 226 bytes
22/06/27 15:45:22 INFO reduce.MergeManagerImpl: Merged 1 segments, 231 bytes to disk to
satisfyreduce memory limit
22/06/27 15:45:22 INFO reduce.MergeManagerImpl: Merging 1 files, 235 bytes from disk
22/06/27 15:45:22 INFO reduce.MergeManagerImpl: Merging 0 segments, 0 bytes from memory into
reduce22/06/27 15:45:22 INFO mapred.Merger: Merging 1 sorted segments
22/06/27 15:45:22 INFO mapred.Merger: Down to the last merge-pass, with 1 segments left of
totalsize: 226 bytes
22/06/27 15:45:22 INFO mapred.LocalJobRunner: 1 / 1 copied.
22/06/27 15:45:22 INFO Configuration.deprecation: mapred.skip.on is deprecated. Instead,
usemapreduce.job.skiprecords
22/06/27 15:45:23 INFO mapred.Task: Task:attempt_local691635730_0001_r_000000_0 is done. And is
inthe process of committing
22/06/27 15:45:23 INFO mapred.LocalJobRunner: 1 / 1 copied.
22/06/27 15:45:23 INFO mapred.Task: Task attempt_local691635730_0001_r_000000_0 is allowed to
commitnow
22/06/27 15:45:23 INFO output.FileOutputCommitter: Saved output of task
'attempt_local691635730_0001_r_000000_0' to hdfs://localhost:54310/kusum_topn/output/
_temporary/0/task_local691635730_0001_r_00000022/06/27 15:45:23 INFO mapred.LocalJobRunner:
reduce > reduce
22/06/27 15:45:23 INFO mapred.Task: Task 'attempt_local691635730_0001_r_000000_0' done.
22/06/27 15:45:23 INFO mapred.LocalJobRunner: Finishing task:
attempt_local691635730_0001_r_000000_022/06/27 15:45:23 INFO mapred.LocalJobRunner: reduce task
executor complete.
22/06/27 15:45:23 INFO mapreduce.Job: Job job_local691635730_0001 running in uber mode :
false22/06/27 15:45:23 INFO mapreduce.Job: map 100% reduce 100%
22/06/27 15:45:23 INFO mapreduce.Job: Job job_local691635730_0001 completed
successfully22/06/27 15:45:23 INFO mapreduce.Job: Counters: 38
File System Counters
FILE: Number of bytes read=18078
FILE: Number of bytes
written=516697FILE: Number of read
operations=0
FILE: Number of large read
operations=0FILE: Number of write
operations=0 HDFS: Number of bytes
read=206
HDFS: Number of bytes written=105
HDFS: Number of read operations=13
HDFS: Number of large read
operations=0HDFS: Number of write
operations=4
Map-Reduce Framework

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Map input records=6
Map output
records=21Map output
bytes=187
Map output materialized
bytes=235Input split bytes=110
Combine input records=0
Combine output
records=0Reduce input
groups=15 Reduce shuffle
bytes=235Reduce input
records=21 Reduce output
records=15Spilled
Records=42 Shuffled Maps
=1
Failed Shuffles=0
Merged Map outputs=1
GC time elapsed
(ms)=42CPU time spent
(ms)=0
Physical memory (bytes)
snapshot=0Virtual memory (bytes)
snapshot=0
Total committed heap usage
(bytes)=578289664Shuffle Errors
BAD_ID=0
CONNECTION=0
IO_ERROR=0
WRONG_LENGTH=
WRONG_MAP=0
WRONG_REDUCE=0
File Input Format
CountersBytes Read=103
File Output Format
CountersBytes Written=105
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -ls /kusum_topn/output/
Found 2 items
-rw-r--r--  1 hduser supergroup          0 2022-06-27 15:45 /kusum_topn/output/_SUCCESS
-rw-r--r--  1 hduser supergroup       105 2022-06-27 15:45 /kusum_topn/output/part-r-00000
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -cat /kusum_topn/output/part-r-00000

hadoo  4
p

i 3

am    2

hi    1

im    1

is    1

there 1

bye   1

learing 1
awesome 1
love    1
kusum 1
cool    1
and     1
using   1
hduser@bmsce-Precision-T1700:~/Desktop/temperature$

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