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hduser@bmsce-Precision-T1700:~/Desktop/temperature$ start-all.sh
This script is Deprecated. Instead use start-dfs.sh and start-yarn.sh
Starting namenodes on [localhost]
hduser@localhost's password:
localhost: starting namenode, logging to /usr/local/hadoop/logs/hadoop-hduser-namenode-bmsce-
Precision-T1700.out
hduser@localhost's password:
localhost: starting datanode, logging to /usr/local/hadoop/logs/hadoop-hduser-datanode-bmsce-
Precision-T1700.out
Starting secondary namenodes [0.0.0.0]
hduser@0.0.0.0's password:
0.0.0.0: starting secondarynamenode, logging to /usr/local/hadoop/logs/hadoop-hduser-
secondarynamenode-bmsce-Precision-T1700.out
starting yarn daemons
starting resourcemanager, logging to /usr/local/hadoop/logs/yarn-hduser-resourcemanager-bmsce-
Precision-T1700.out
hduser@localhost's password:
localhost: starting nodemanager, logging to /usr/local/hadoop/logs/yarn-hduser-nodemanager-bmsce-
Precision-T1700.out
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ jps
6832 NodeManager
6498 ResourceManager
6339 SecondaryNameNode
4887 org.eclipse.equinox.launcher_1.5.600.v20191014-2022.jar
6954 Jps
6123 DataNode
5951 NameNode
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -le /
-le: Unknown command
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -ls /
Found 31 items
drwxr-xr-x - hduser supergroup 0 2022-06-06 12:35 /CSE
drwxr-xr-x - hduser supergroup 0 2022-06-06 12:23 /FFF
drwxr-xr-x - hduser supergroup 0 2022-06-06 12:36 /LLL
drwxr-xr-x - hduser supergroup 0 2022-06-20 12:06 /amit_bda
drwxr-xr-x - hduser supergroup 0 2022-06-27 11:42 /amit_lab
drwxr-xr-x - hduser supergroup 0 2022-06-03 14:52 /bharath
drwxr-xr-x - hduser supergroup 0 2022-06-03 14:43 /bharath035
drwxr-xr-x - hduser supergroup 0 2022-06-24 14:54 /chi
drwxr-xr-x - hduser supergroup 0 2022-05-31 10:21 /example
drwxr-xr-x - hduser supergroup 0 2022-06-01 15:13 /foldernew
drwxr-xr-x - hduser supergroup 0 2022-06-06 15:04 /hemang061
drwxr-xr-x - hduser supergroup 0 2022-06-20 15:16 /input_khushil
drwxr-xr-x - hduser supergroup 0 2022-06-03 12:27 /irfan
drwxr-xr-x - hduser supergroup 0 2022-06-22 10:44 /lwde
drwxr-xr-x - hduser supergroup 0 2022-06-27 13:03 /mapreducejoin_amit
drwxr-xr-x - hduser supergroup 0 2022-06-22 15:32 /muskan
drwxr-xr-x - hduser supergroup 0 2022-06-22 15:06 /muskan_op
drwxr-xr-x - hduser supergroup 0 2022-06-22 15:35 /muskan_output
drwxr-xr-x - hduser supergroup 0 2022-06-06 15:04 /new_folder
drwxr-xr-x - hduser supergroup 0 2022-05-31 10:26 /one
drwxr-xr-x - hduser supergroup 0 2022-06-24 15:30 /out55
drwxr-xr-x - hduser supergroup 0 2022-06-20 12:17 /output
drwxr-xr-x - hduser supergroup 0 2022-06-27 13:04 /output_TOPn
drwxr-xr-x - hduser supergroup 0 2022-06-27 12:14 /output_Topn
drwxr-xr-x - hduser supergroup 0 2022-06-24 12:42 /r1
drwxr-xr-x - hduser supergroup 0 2022-06-24 12:24 /rgs

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drwxr-xr-x - hduser supergroup 0 2022-06-03 12:08 /saurab
drwxrwxr-x - hduser supergroup 0 2019-08-01 16:19 /tmp
drwxr-xr-x - hduser supergroup 0 2019-08-01 16:03 /user
drwxr-xr-x - hduser supergroup 0 2022-06-01 09:46 /user1
-rw-r--r-- 1 hduser supergroup 2436 2022-06-24 12:17 /wc.jar
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -mkdir /khushil_temperature
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -put ./1901 /khushil_temperature
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -put ./1902 /khushil_temperature
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -ls /khushil_temperature
Found 2 items
-rw-r--r-- 1 hduser supergroup 888190 2022-06-27 14:47 /khushil_temperature/1901
-rw-r--r-- 1 hduser supergroup 888978 2022-06-27 14:47 /khushil_temperature/1902
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hadoop jar ./avgtemp.jar AverageDriver
/khushil_temperature/1901 /khushil_temperature/output/
Exception in thread "main" java.lang.ClassNotFoundException: AverageDriver
    at java.net.URLClassLoader.findClass(URLClassLoader.java:382)
    at 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 ./avgtemp.jar
temperature.AverageDriver /khushil_temperature/1901 /khushil_temperature/output/
22/06/27 14:53:27 INFO Configuration.deprecation: session.id is deprecated. Instead, use
dfs.metrics.session-id
22/06/27 14:53:27 INFO jvm.JvmMetrics: Initializing JVM Metrics with processName=JobTracker,
sessionId=
22/06/27 14:53:27 WARN mapreduce.JobSubmitter: Hadoop command-line option parsing not performed.
Implement the Tool interface and execute your application with ToolRunner to remedy this.
22/06/27 14:53:27 INFO input.FileInputFormat: Total input paths to process : 1
22/06/27 14:53:27 INFO mapreduce.JobSubmitter: number of splits:1
22/06/27 14:53:28 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_local254968295_0001
22/06/27 14:53:28 INFO mapreduce.Job: The url to track the job: http://localhost:8080/
22/06/27 14:53:28 INFO mapreduce.Job: Running job: job_local254968295_0001
22/06/27 14:53:28 INFO mapred.LocalJobRunner: OutputCommitter set in config null
22/06/27 14:53:28 INFO mapred.LocalJobRunner: OutputCommitter is
org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter
22/06/27 14:53:28 INFO mapred.LocalJobRunner: Waiting for map tasks
22/06/27 14:53:28 INFO mapred.LocalJobRunner: Starting task: attempt_local254968295_0001_m_000000_0
22/06/27 14:53:28 INFO mapred.Task: Using ResourceCalculatorProcessTree : [ ]
22/06/27 14:53:28 INFO mapred.MapTask: Processing split:
hdfs://localhost:54310/khushil_temperature/1901:0+888190
22/06/27 14:53:28 INFO mapred.MapTask: (EQUATOR) 0 kvi 26214396(104857584)
22/06/27 14:53:28 INFO mapred.MapTask: mapreduce.task.io.sort.mb: 100
22/06/27 14:53:28 INFO mapred.MapTask: soft limit at 83886080
22/06/27 14:53:28 INFO mapred.MapTask: bufstart = 0; bufvoid = 104857600
22/06/27 14:53:28 INFO mapred.MapTask: kvstart = 26214396; length = 6553600
22/06/27 14:53:28 INFO mapred.MapTask: Map output collector class =
org.apache.hadoop.mapred.MapTask$MapOutputBuffer
22/06/27 14:53:28 INFO mapred.LocalJobRunner:
22/06/27 14:53:28 INFO mapred.MapTask: Starting flush of map output
22/06/27 14:53:28 INFO mapred.MapTask: Spilling map output
22/06/27 14:53:28 INFO mapred.MapTask: bufstart = 0; bufend = 59076; bufvoid = 104857600
22/06/27 14:53:28 INFO mapred.MapTask: kvstart = 26214396(104857584); kvend = 26188144(104752576);
length = 26253/6553600
22/06/27 14:53:28 INFO mapred.MapTask: Finished spill 0

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22/06/27 14:53:28 INFO mapred.Task: Task:attempt_local254968295_0001_m_000000_0 is done. And is in
the process of committing
22/06/27 14:53:28 INFO mapred.LocalJobRunner: map
22/06/27 14:53:28 INFO mapred.Task: Task 'attempt_local254968295_0001_m_000000_0' done.
22/06/27 14:53:28 INFO mapred.LocalJobRunner: Finishing task: attempt_local254968295_0001_m_000000_0
22/06/27 14:53:28 INFO mapred.LocalJobRunner: map task executor complete.
22/06/27 14:53:28 INFO mapred.LocalJobRunner: Waiting for reduce tasks
22/06/27 14:53:28 INFO mapred.LocalJobRunner: Starting task: attempt_local254968295_0001_r_000000_0
22/06/27 14:53:28 INFO mapred.Task: Using ResourceCalculatorProcessTree : [ ]
22/06/27 14:53:28 INFO mapred.ReduceTask: Using ShuffleConsumerPlugin:
org.apache.hadoop.mapreduce.task.reduce.Shuffle@262cb2a9
22/06/27 14:53:28 INFO reduce.MergeManagerImpl: MergerManager: memoryLimit=349752512,
maxSingleShuffleLimit=87438128, mergeThreshold=230836672, ioSortFactor=10,
memToMemMergeOutputsThreshold=10
22/06/27 14:53:28 INFO reduce.EventFetcher: attempt_local254968295_0001_r_000000_0 Thread started:
EventFetcher for fetching Map Completion Events
22/06/27 14:53:28 INFO reduce.LocalFetcher: localfetcher#1 about to shuffle output of map
attempt_local254968295_0001_m_000000_0 decomp: 72206 len: 72210 to MEMORY
22/06/27 14:53:28 INFO reduce.InMemoryMapOutput: Read 72206 bytes from map-output for
attempt_local254968295_0001_m_000000_0
22/06/27 14:53:28 INFO reduce.MergeManagerImpl: closeInMemoryFile -> map-output of size: 72206,
inMemoryMapOutputs.size() -> 1, commitMemory -> 0, usedMemory ->72206
22/06/27 14:53:28 INFO reduce.EventFetcher: EventFetcher is interrupted.. Returning
22/06/27 14:53:28 INFO mapred.LocalJobRunner: 1 / 1 copied.
22/06/27 14:53:28 INFO reduce.MergeManagerImpl: finalMerge called with 1 in-memory map-outputs and 0
on-disk map-outputs
22/06/27 14:53:28 INFO mapred.Merger: Merging 1 sorted segments
22/06/27 14:53:28 INFO mapred.Merger: Down to the last merge-pass, with 1 segments left of total
size: 72199 bytes
22/06/27 14:53:28 INFO reduce.MergeManagerImpl: Merged 1 segments, 72206 bytes to disk to satisfy
reduce memory limit
22/06/27 14:53:28 INFO reduce.MergeManagerImpl: Merging 1 files, 72210 bytes from disk
22/06/27 14:53:28 INFO reduce.MergeManagerImpl: Merging 0 segments, 0 bytes from memory into reduce
22/06/27 14:53:28 INFO mapred.Merger: Merging 1 sorted segments
22/06/27 14:53:28 INFO mapred.Merger: Down to the last merge-pass, with 1 segments left of total
size: 72199 bytes
22/06/27 14:53:28 INFO mapred.LocalJobRunner: 1 / 1 copied.
22/06/27 14:53:28 INFO Configuration.deprecation: mapred.skip.on is deprecated. Instead, use
mapreduce.job.skiprecords
22/06/27 14:53:28 INFO mapred.Task: Task:attempt_local254968295_0001_r_000000_0 is done. And is in
the process of committing
22/06/27 14:53:28 INFO mapred.LocalJobRunner: 1 / 1 copied.
22/06/27 14:53:28 INFO mapred.Task: Task attempt_local254968295_0001_r_000000_0 is allowed to commit
now
22/06/27 14:53:28 INFO output.FileOutputCommitter: Saved output of task
'attempt_local254968295_0001_r_000000_0' to
hdfs://localhost:54310/khushil_temperature/output/_temporary/0/task_local254968295_0001_r_000000
22/06/27 14:53:28 INFO mapred.LocalJobRunner: reduce > reduce
22/06/27 14:53:28 INFO mapred.Task: Task 'attempt_local254968295_0001_r_000000_0' done.
22/06/27 14:53:28 INFO mapred.LocalJobRunner: Finishing task: attempt_local254968295_0001_r_000000_0
22/06/27 14:53:28 INFO mapred.LocalJobRunner: reduce task executor complete.
22/06/27 14:53:29 INFO mapreduce.Job: Job job_local254968295_0001 running in uber mode : false
22/06/27 14:53:29 INFO mapreduce.Job: map 100% reduce 100%
22/06/27 14:53:29 INFO mapreduce.Job: Job job_local254968295_0001 completed successfully
22/06/27 14:53:29 INFO mapreduce.Job: Counters: 38
File System Counters
FILE: Number of bytes read=153102
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FILE: Number of bytes written=723014
FILE: Number of read operations=0
FILE: Number of large read operations=0
FILE: Number of write operations=0
HDFS: Number of bytes read=1776380
HDFS: Number of bytes written=8
HDFS: Number of read operations=13
HDFS: Number of large read operations=0
HDFS: Number of write operations=4
Map-Reduce Framework
Map input records=6565
Map output records=6564
Map output bytes=59076
Map output materialized bytes=72210
Input split bytes=112
Combine input records=0
Combine output records=0
Reduce input groups=1
Reduce shuffle bytes=72210
Reduce input records=6564
Reduce output records=1
Spilled Records=13128
Shuffled Maps =1
Failed Shuffles=0
Merged Map outputs=1
GC time elapsed (ms)=55
CPU time spent (ms)=0
Physical memory (bytes) snapshot=0
Virtual memory (bytes) snapshot=0
Total committed heap usage (bytes)=999292928
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=888190
File Output Format Counters
Bytes Written=8
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -ls /khushil_temperature/output/
Found 2 items
-rw-r--r--  1 hduser supergroup          0 2022-06-27 14:53 /khushil_temperature/output/_SUCCESS
-rw-r--r--  1 hduser supergroup          8 2022-06-27 14:53 /khushil_temperature/output/part-r-00000
hduser@bmsce-Precision-T1700:~/Desktop/temperature$ hdfs dfs -cat /khushil_temperature/output/part-r-00000
1901      46
hduser@bmsce-Precision-T1700:~/Desktop/temperature$

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