**Lab 7**

**Chapter 11**

**May 17th 2018**

**login as: student2**

**Server refused our key**

**student2@134.154.190.204's password:**

**Last failed login: Tue May 15 10:04:53 PDT 2018 from 201.81.140.125 on ssh:notty**

**There was 1 failed login attempt since the last successful login.**

**Last login: Sun May 6 22:56:47 2018 from c-24-130-240-170.hsd1.ca.comcast.net**

**[student2@msba-hadoop-name ~]$ pig -x local**

**18/05/17 21:02:29 INFO pig.ExecTypeProvider: Trying ExecType : LOCAL**

**18/05/17 21:02:29 INFO pig.ExecTypeProvider: Picked LOCAL as the ExecType**

**2018-05-17 21:02:29,383 [main] INFO org.apache.pig.Main - Apache Pig version 0. 17.0 (r1797386) compiled Jun 02 2017, 15:41:58**

**2018-05-17 21:02:29,383 [main] INFO org.apache.pig.Main - Logging error message s to: /home/student2/pig\_1526616149381.log**

**2018-05-17 21:02:29,401 [main] INFO org.apache.pig.impl.util.Utils - Default bo otup file /home/student2/.pigbootup not found**

**2018-05-17 21:02:29,810 [main] INFO org.apache.hadoop.conf.Configuration.deprec ation - mapred.job.tracker is deprecated. Instead, use mapreduce.jobtracker.addr ess**

**2018-05-17 21:02:29,813 [main] INFO org.apache.pig.backend.hadoop.executionengi ne.HExecutionEngine - Connecting to hadoop file system at: file:///**

**2018-05-17 21:02:30,277 [main] INFO org.apache.hadoop.conf.Configuration.deprec ation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:02:30,301 [main] INFO org.apache.pig.PigServer - Pig Script ID fo r the session: PIG-default-698e5848-f279-4195-a7e9-fd8abdab6af4**

**2018-05-17 21:02:30,302 [main] WARN org.apache.pig.PigServer - ATS is disabled since yarn.timeline-service.enabled set to false**

**grunt> A = LOAD 'piginput/A' AS (fruit:chararray);**

**2018-05-17 21:29:58,291 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**grunt> dump A;**

**2018-05-17 21:30:26,985 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:30:27,005 [main] INFO org.apache.pig.tools.pigstats.ScriptState - Pig features used in the script: UNKNOWN**

**2018-05-17 21:30:27,020 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:30:27,055 [main] INFO org.apache.pig.newplan.logical.optimizer.LogicalPlanOptimizer - {RULES\_ENABLED=[AddForEach, ColumnMapKeyPrune, ConstantCalculator, GroupByConstParallelSetter, LimitOptimizer, LoadTypeCastInserter, MergeFilter, MergeForEach, NestedLimitOptimizer, PartitionFilterOptimizer, PredicatePushdownOptimizer, PushDownForEachFlatten, PushUpFilter, SplitFilter, StreamTypeCastInserter]}**

**2018-05-17 21:30:27,106 [main] INFO org.apache.pig.impl.util.SpillableMemoryManager - Selected heap (PS Old Gen) of size 698875904 to monitor. collectionUsageThreshold = 489213120, usageThreshold = 489213120**

**2018-05-17 21:30:27,154 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MRCompiler - File concatenation threshold: 100 optimistic? false**

**2018-05-17 21:30:27,189 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size before optimization: 1**

**2018-05-17 21:30:27,189 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size after optimization: 1**

**2018-05-17 21:30:27,207 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:30:27,222 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - session.id is deprecated. Instead, use dfs.metrics.session-id**

**2018-05-17 21:30:27,222 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Initializing JVM Metrics with processName=JobTracker, sessionId=**

**2018-05-17 21:30:27,244 [main] INFO org.apache.pig.tools.pigstats.mapreduce.MRScriptState - Pig script settings are added to the job**

**2018-05-17 21:30:27,249 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.reduce.markreset.buffer.percent is deprecated. Instead, use mapreduce.reduce.markreset.buffer.percent**

**2018-05-17 21:30:27,249 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - mapred.job.reduce.markreset.buffer.percent is not set, set to default 0.3**

**2018-05-17 21:30:27,251 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.output.compress is deprecated. Instead, use mapreduce.output.fileoutputformat.compress**

**2018-05-17 21:30:27,266 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - Setting up single store job**

**2018-05-17 21:30:27,277 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Key [pig.schematuple] is false, will not generate code.**

**2018-05-17 21:30:27,277 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Starting process to move generated code to distributed cacche**

**2018-05-17 21:30:27,277 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Distributed cache not supported or needed in local mode. Setting key [pig.schematuple.local.dir] with code temp directory: /tmp/1526617827277-0**

**2018-05-17 21:30:27,327 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 1 map-reduce job(s) waiting for submission.**

**2018-05-17 21:30:27,329 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.tracker.http.address is deprecated. Instead, use mapreduce.jobtracker.http.address**

**2018-05-17 21:30:27,339 [JobControl] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:30:27,350 [JobControl] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.task.id is deprecated. Instead, use mapreduce.task.attempt.id**

**2018-05-17 21:30:27,385 [JobControl] WARN org.apache.hadoop.mapreduce.JobResourceUploader - No job jar file set. User classes may not be found. See Job or Job#setJar(String).**

**2018-05-17 21:30:27,392 [JobControl] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:30:27,395 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - Cleaning up the staging area file:/tmp/hadoop-student2/mapred/staging/student21160731819/.staging/job\_local1160731819\_0001**

**2018-05-17 21:30:27,399 [JobControl] INFO org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob - PigLatin:DefaultJobName got an error while submitting**

**org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**2018-05-17 21:30:27,602 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - HadoopJobId: job\_local1160731819\_0001**

**2018-05-17 21:30:27,602 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Processing aliases A**

**2018-05-17 21:30:27,602 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - detailed locations: M: A[1,4],A[-1,-1] C: R:**

**2018-05-17 21:30:27,606 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 0% complete**

**2018-05-17 21:30:27,611 [main] WARN org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Ooops! Some job has failed! Specify -stop\_on\_failure if you want Pig to stop immediately on failure.**

**2018-05-17 21:30:27,612 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - job job\_local1160731819\_0001 has failed! Stop running all dependent jobs**

**2018-05-17 21:30:27,612 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 100% complete**

**2018-05-17 21:30:27,613 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:30:27,614 [main] ERROR org.apache.pig.tools.pigstats.PigStats - ERROR 0: java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**2018-05-17 21:30:27,614 [main] ERROR org.apache.pig.tools.pigstats.mapreduce.MRPigStatsUtil - 1 map reduce job(s) failed!**

**2018-05-17 21:30:27,615 [main] INFO org.apache.pig.tools.pigstats.mapreduce.SimplePigStats - Script Statistics:**

**HadoopVersion PigVersion UserId StartedAt FinishedAt Features**

**2.9.0 0.17.0 student2 2018-05-17 21:30:27 2018-05-17 21:30:27 UNKNOWN**

**Failed!**

**Failed Jobs:**

**JobId Alias Feature Message Outputs**

**job\_local1160731819\_0001 A MAP\_ONLY Message: org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**file:/tmp/temp1644532342/tmp828126546,**

**Input(s):**

**Failed to read data from "file:///home/student2/piginput/A"**

**Output(s):**

**Failed to produce result in "file:/tmp/temp1644532342/tmp828126546"**

**Counters:**

**Total records written : 0**

**Total bytes written : 0**

**Spillable Memory Manager spill count : 0**

**Total bags proactively spilled: 0**

**Total records proactively spilled: 0**

**Job DAG:**

**job\_local1160731819\_0001**

**2018-05-17 21:30:27,615 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Failed!**

**2018-05-17 21:30:27,619 [main] ERROR org.apache.pig.tools.grunt.Grunt - ERROR 1066: Unable to open iterator for alias A. Backend error : java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**Details at logfile: /home/student2/pig\_1526616149381.log**

**grunt> A = LOAD 'Piginput/A' AS (fruit:chararray);**

**2018-05-17 21:32:06,780 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**grunt> dump A;**

**2018-05-17 21:32:10,633 [main] INFO org.apache.pig.tools.pigstats.ScriptState - Pig features used in the script: UNKNOWN**

**2018-05-17 21:32:10,650 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:32:10,650 [main] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:32:10,651 [main] INFO org.apache.pig.newplan.logical.optimizer.LogicalPlanOptimizer - {RULES\_ENABLED=[AddForEach, ColumnMapKeyPrune, ConstantCalculator, GroupByConstParallelSetter, LimitOptimizer, LoadTypeCastInserter, MergeFilter, MergeForEach, NestedLimitOptimizer, PartitionFilterOptimizer, PredicatePushdownOptimizer, PushDownForEachFlatten, PushUpFilter, SplitFilter, StreamTypeCastInserter]}**

**2018-05-17 21:32:10,653 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MRCompiler - File concatenation threshold: 100 optimistic? false**

**2018-05-17 21:32:10,655 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size before optimization: 1**

**2018-05-17 21:32:10,655 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size after optimization: 1**

**2018-05-17 21:32:10,667 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:32:10,668 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:32:10,670 [main] INFO org.apache.pig.tools.pigstats.mapreduce.MRScriptState - Pig script settings are added to the job**

**2018-05-17 21:32:10,671 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - mapred.job.reduce.markreset.buffer.percent is not set, set to default 0.3**

**2018-05-17 21:32:10,675 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - Setting up single store job**

**2018-05-17 21:32:10,676 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Key [pig.schematuple] is false, will not generate code.**

**2018-05-17 21:32:10,676 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Starting process to move generated code to distributed cacche**

**2018-05-17 21:32:10,676 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Distributed cache not supported or needed in local mode. Setting key [pig.schematuple.local.dir] with code temp directory: /tmp/1526617930676-0**

**2018-05-17 21:32:10,697 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 1 map-reduce job(s) waiting for submission.**

**2018-05-17 21:32:10,699 [JobControl] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:32:10,705 [JobControl] WARN org.apache.hadoop.mapreduce.JobResourceUploader - No job jar file set. User classes may not be found. See Job or Job#setJar(String).**

**2018-05-17 21:32:10,707 [JobControl] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:32:10,708 [JobControl] INFO org.apache.hadoop.mapreduce.lib.input.FileInputFormat - Total input files to process : 1**

**2018-05-17 21:32:10,708 [JobControl] INFO org.apache.pig.backend.hadoop.executionengine.util.MapRedUtil - Total input paths to process : 1**

**2018-05-17 21:32:10,725 [JobControl] INFO org.apache.pig.backend.hadoop.executionengine.util.MapRedUtil - Total input paths (combined) to process : 1**

**2018-05-17 21:32:10,746 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - number of splits:1**

**2018-05-17 21:32:11,050 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - Submitting tokens for job: job\_local540836350\_0002**

**2018-05-17 21:32:11,211 [JobControl] INFO org.apache.hadoop.mapreduce.Job - The url to track the job: http://localhost:8080/**

**2018-05-17 21:32:11,214 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - HadoopJobId: job\_local540836350\_0002**

**2018-05-17 21:32:11,214 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Processing aliases A**

**2018-05-17 21:32:11,214 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - detailed locations: M: A[2,4],A[-1,-1] C: R:**

**2018-05-17 21:32:11,215 [Thread-6] INFO org.apache.hadoop.mapred.LocalJobRunner - OutputCommitter set in config null**

**2018-05-17 21:32:11,225 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 0% complete**

**2018-05-17 21:32:11,225 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Running jobs are [job\_local540836350\_0002]**

**2018-05-17 21:32:11,239 [Thread-6] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.reduce.markreset.buffer.percent is deprecated. Instead, use mapreduce.reduce.markreset.buffer.percent**

**2018-05-17 21:32:11,239 [Thread-6] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:32:11,239 [Thread-6] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.tracker is deprecated. Instead, use mapreduce.jobtracker.address**

**2018-05-17 21:32:11,240 [Thread-6] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - File Output Committer Algorithm version is 1**

**2018-05-17 21:32:11,240 [Thread-6] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false**

**2018-05-17 21:32:11,240 [Thread-6] INFO org.apache.hadoop.mapred.LocalJobRunner - OutputCommitter is org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigOutputCommitter**

**2018-05-17 21:32:11,274 [Thread-6] INFO org.apache.hadoop.mapred.LocalJobRunner - Waiting for map tasks**

**2018-05-17 21:32:11,275 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner - Starting task: attempt\_local540836350\_0002\_m\_000000\_0**

**2018-05-17 21:32:11,311 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - File Output Committer Algorithm version is 1**

**2018-05-17 21:32:11,311 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false**

**2018-05-17 21:32:11,325 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Using ResourceCalculatorProcessTree : [ ]**

**2018-05-17 21:32:11,331 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.MapTask - Processing split: Number of splits :1**

**Total Length = 38**

**Input split[0]:**

**Length = 38**

**ClassName: org.apache.hadoop.mapreduce.lib.input.FileSplit**

**Locations:**

**-----------------------**

**2018-05-17 21:32:11,338 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:32:11,340 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigRecordReader - Current split being processed file:/home/student2/Piginput/A:0+38**

**2018-05-17 21:32:11,343 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - File Output Committer Algorithm version is 1**

**2018-05-17 21:32:11,343 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false**

**2018-05-17 21:32:11,352 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.impl.util.SpillableMemoryManager - Selected heap (PS Old Gen) of size 698875904 to monitor. collectionUsageThreshold = 489213120, usageThreshold = 489213120**

**2018-05-17 21:32:11,353 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:32:11,361 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigMapOnly$Map - Aliases being processed per job phase (AliasName[line,offset]): M: A[2,4],A[-1,-1] C: R:**

**2018-05-17 21:32:11,373 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner -**

**2018-05-17 21:32:11,373 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Task:attempt\_local540836350\_0002\_m\_000000\_0 is done. And is in the process of committing**

**2018-05-17 21:32:11,383 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner -**

**2018-05-17 21:32:11,383 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Task attempt\_local540836350\_0002\_m\_000000\_0 is allowed to commit now**

**2018-05-17 21:32:11,386 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - Saved output of task 'attempt\_local540836350\_0002\_m\_000000\_0' to file:/tmp/temp1644532342/tmp-279772768/\_temporary/0/task\_local540836350\_0002\_m\_000000**

**2018-05-17 21:32:11,387 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner - map**

**2018-05-17 21:32:11,387 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Task 'attempt\_local540836350\_0002\_m\_000000\_0' done.**

**2018-05-17 21:32:11,387 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner - Finishing task: attempt\_local540836350\_0002\_m\_000000\_0**

**2018-05-17 21:32:11,389 [Thread-6] INFO org.apache.hadoop.mapred.LocalJobRunner - map task executor complete.**

**2018-05-17 21:32:11,519 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:32:11,536 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:32:11,536 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps**

**2018-05-17 21:32:11,536 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.reduce.tasks is deprecated. Instead, use mapreduce.job.reduces**

**2018-05-17 21:32:11,537 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:32:11,566 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 100% complete**

**2018-05-17 21:32:11,567 [main] INFO org.apache.pig.tools.pigstats.mapreduce.SimplePigStats - Script Statistics:**

**HadoopVersion PigVersion UserId StartedAt FinishedAt Features**

**2.9.0 0.17.0 student2 2018-05-17 21:32:10 2018-05-17 21:32:11 UNKNOWN**

**Success!**

**Job Stats (time in seconds):**

**JobId Maps Reduces MaxMapTime MinMapTime AvgMapTime MedianMapTime MaxReduceTime MinReduceTime AvgReduceTime MedianReducetime Alias Feature Outputs**

**job\_local540836350\_0002 1 0 n/a n/a n/a n/a 0 0 0 0 A MAP\_ONLY file:/tmp/temp1644532342/tmp-279772768,**

**Input(s):**

**Successfully read 4 records from: "file:///home/student2/Piginput/A"**

**Output(s):**

**Successfully stored 4 records in: "file:/tmp/temp1644532342/tmp-279772768"**

**Counters:**

**Total records written : 4**

**Total bytes written : 0**

**Spillable Memory Manager spill count : 0**

**Total bags proactively spilled: 0**

**Total records proactively spilled: 0**

**Job DAG:**

**job\_local540836350\_0002**

**2018-05-17 21:32:11,568 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:32:11,569 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:32:11,570 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:32:11,578 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Success!**

**2018-05-17 21:32:11,580 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:32:11,580 [main] WARN org.apache.pig.data.SchemaTupleBackend - SchemaTupleBackend has already been initialized**

**2018-05-17 21:32:11,595 [main] INFO org.apache.hadoop.mapreduce.lib.input.FileInputFormat - Total input files to process : 1**

**2018-05-17 21:32:11,595 [main] INFO org.apache.pig.backend.hadoop.executionengine.util.MapRedUtil - Total input paths to process : 1**

**( pomegranate)**

**(banana )**

**(apple)**

**( lychee )**

**grunt> quit**

**2018-05-17 21:32:37,238 [main] INFO org.apache.pig.Main - Pig script completed in 30 minutes, 8 seconds and 458 milliseconds (1808458 ms)**

**[student2@msba-hadoop-name ~]$ javac -classpath /home/student2/hadoop-common-2.6.1.jar:/home/student2/hadoop-mapreduce-client-core-2.6.1.jar:/home/student2/commons-cli-2.0.jar:/home/student2/pig-0.11.0.jar -d . Trim.java**

**[student2@msba-hadoop-name ~]$ pig -x local**

**18/05/17 21:37:33 INFO pig.ExecTypeProvider: Trying ExecType : LOCAL**

**18/05/17 21:37:33 INFO pig.ExecTypeProvider: Picked LOCAL as the ExecType**

**2018-05-17 21:37:33,980 [main] INFO org.apache.pig.Main - Apache Pig version 0.17.0 (r1797386) compiled Jun 02 2017, 15:41:58**

**2018-05-17 21:37:33,981 [main] INFO org.apache.pig.Main - Logging error messages to: /home/student2/pig\_1526618253979.log**

**2018-05-17 21:37:33,997 [main] INFO org.apache.pig.impl.util.Utils - Default bootup file /home/student2/.pigbootup not found**

**2018-05-17 21:37:34,329 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.tracker is deprecated. Instead, use mapreduce.jobtracker.address**

**2018-05-17 21:37:34,342 [main] INFO org.apache.pig.backend.hadoop.executionengine.HExecutionEngine - Connecting to hadoop file system at: file:///**

**2018-05-17 21:37:34,673 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:37:34,690 [main] INFO org.apache.pig.PigServer - Pig Script ID for the session: PIG-default-13f06575-0a9f-4c2c-bf5d-c4a0344811ec**

**2018-05-17 21:37:34,690 [main] WARN org.apache.pig.PigServer - ATS is disabled since yarn.timeline-service.enabled set to false**

**grunt> quit**

**2018-05-17 21:38:37,893 [main] INFO org.apache.pig.Main - Pig script completed in 1 minute, 4 seconds and 323 milliseconds (64323 ms)**

**[student2@msba-hadoop-name ~]$ jar -cvf pig-trim.jar com/hadoopbook/pig/Trim.class**

**added manifest**

**adding: com/hadoopbook/pig/Trim.class(in = 611) (out= 350)(deflated 42%)**

**[student2@msba-hadoop-name ~]$ pig -x local**

**18/05/17 21:39:07 INFO pig.ExecTypeProvider: Trying ExecType : LOCAL**

**18/05/17 21:39:07 INFO pig.ExecTypeProvider: Picked LOCAL as the ExecType**

**2018-05-17 21:39:07,592 [main] INFO org.apache.pig.Main - Apache Pig version 0.17.0 (r1797386) compiled Jun 02 2017, 15:41:58**

**2018-05-17 21:39:07,593 [main] INFO org.apache.pig.Main - Logging error messages to: /home/student2/pig\_1526618347591.log**

**2018-05-17 21:39:07,613 [main] INFO org.apache.pig.impl.util.Utils - Default bootup file /home/student2/.pigbootup not found**

**2018-05-17 21:39:07,831 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.tracker is deprecated. Instead, use mapreduce.jobtracker.address**

**2018-05-17 21:39:07,835 [main] INFO org.apache.pig.backend.hadoop.executionengine.HExecutionEngine - Connecting to hadoop file system at: file:///**

**2018-05-17 21:39:08,060 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:39:08,078 [main] INFO org.apache.pig.PigServer - Pig Script ID for the session: PIG-default-71f9a472-e771-4bef-a0b8-a98d40a62d85**

**2018-05-17 21:39:08,078 [main] WARN org.apache.pig.PigServer - ATS is disabled since yarn.timeline-service.enabled set to false**

**grunt> REGISTER pig-trim.jar;**

**grunt> A = LOAD 'piginput/A' AS (fruit:chararray);**

**2018-05-17 21:45:55,492 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**grunt> B = FOREACH A GENERATE com.hadoopbook.pig.Trim(fruit);**

**grunt> dump B;**

**2018-05-17 21:46:18,153 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:46:18,171 [main] INFO org.apache.pig.tools.pigstats.ScriptState - Pig features used in the script: UNKNOWN**

**2018-05-17 21:46:18,187 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:46:18,224 [main] INFO org.apache.pig.newplan.logical.optimizer.LogicalPlanOptimizer - {RULES\_ENABLED=[AddForEach, ColumnMapKeyPrune, ConstantCalculator, GroupByConstParallelSetter, LimitOptimizer, LoadTypeCastInserter, MergeFilter, MergeForEach, NestedLimitOptimizer, PartitionFilterOptimizer, PredicatePushdownOptimizer, PushDownForEachFlatten, PushUpFilter, SplitFilter, StreamTypeCastInserter]}**

**2018-05-17 21:46:18,297 [main] INFO org.apache.pig.impl.util.SpillableMemoryManager - Selected heap (PS Old Gen) of size 698875904 to monitor. collectionUsageThreshold = 489213120, usageThreshold = 489213120**

**2018-05-17 21:46:18,349 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MRCompiler - File concatenation threshold: 100 optimistic? false**

**2018-05-17 21:46:18,372 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size before optimization: 1**

**2018-05-17 21:46:18,372 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size after optimization: 1**

**2018-05-17 21:46:18,394 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:46:18,410 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - session.id is deprecated. Instead, use dfs.metrics.session-id**

**2018-05-17 21:46:18,411 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Initializing JVM Metrics with processName=JobTracker, sessionId=**

**2018-05-17 21:46:18,437 [main] INFO org.apache.pig.tools.pigstats.mapreduce.MRScriptState - Pig script settings are added to the job**

**2018-05-17 21:46:18,443 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.reduce.markreset.buffer.percent is deprecated. Instead, use mapreduce.reduce.markreset.buffer.percent**

**2018-05-17 21:46:18,443 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - mapred.job.reduce.markreset.buffer.percent is not set, set to default 0.3**

**2018-05-17 21:46:18,445 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.output.compress is deprecated. Instead, use mapreduce.output.fileoutputformat.compress**

**2018-05-17 21:46:18,457 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - Setting up single store job**

**2018-05-17 21:46:18,468 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Key [pig.schematuple] is false, will not generate code.**

**2018-05-17 21:46:18,468 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Starting process to move generated code to distributed cacche**

**2018-05-17 21:46:18,468 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Distributed cache not supported or needed in local mode. Setting key [pig.schematuple.local.dir] with code temp directory: /tmp/1526618778468-0**

**2018-05-17 21:46:18,513 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 1 map-reduce job(s) waiting for submission.**

**2018-05-17 21:46:18,514 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.tracker.http.address is deprecated. Instead, use mapreduce.jobtracker.http.address**

**2018-05-17 21:46:18,527 [JobControl] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:46:18,536 [JobControl] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.task.id is deprecated. Instead, use mapreduce.task.attempt.id**

**2018-05-17 21:46:18,580 [JobControl] WARN org.apache.hadoop.mapreduce.JobResourceUploader - No job jar file set. User classes may not be found. See Job or Job#setJar(String).**

**2018-05-17 21:46:18,588 [JobControl] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:46:18,592 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - Cleaning up the staging area file:/tmp/hadoop-student2/mapred/staging/student21929657963/.staging/job\_local1929657963\_0001**

**2018-05-17 21:46:18,597 [JobControl] INFO org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob - PigLatin:DefaultJobName got an error while submitting**

**org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**2018-05-17 21:46:18,800 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - HadoopJobId: job\_local1929657963\_0001**

**2018-05-17 21:46:18,800 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Processing aliases A,B**

**2018-05-17 21:46:18,800 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - detailed locations: M: A[1,4],B[-1,-1] C: R:**

**2018-05-17 21:46:18,806 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 0% complete**

**2018-05-17 21:46:18,815 [main] WARN org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Ooops! Some job has failed! Specify -stop\_on\_failure if you want Pig to stop immediately on failure.**

**2018-05-17 21:46:18,815 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - job job\_local1929657963\_0001 has failed! Stop running all dependent jobs**

**2018-05-17 21:46:18,815 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 100% complete**

**2018-05-17 21:46:18,816 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:46:18,817 [main] ERROR org.apache.pig.tools.pigstats.PigStats - ERROR 0: java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**2018-05-17 21:46:18,817 [main] ERROR org.apache.pig.tools.pigstats.mapreduce.MRPigStatsUtil - 1 map reduce job(s) failed!**

**2018-05-17 21:46:18,818 [main] INFO org.apache.pig.tools.pigstats.mapreduce.SimplePigStats - Script Statistics:**

**HadoopVersion PigVersion UserId StartedAt FinishedAt Features**

**2.9.0 0.17.0 student2 2018-05-17 21:46:18 2018-05-17 21:46:18 UNKNOWN**

**Failed!**

**Failed Jobs:**

**JobId Alias Feature Message Outputs**

**job\_local1929657963\_0001 A,B MAP\_ONLY Message: org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**file:/tmp/temp-940564273/tmp1050353937,**

**Input(s):**

**Failed to read data from "file:///home/student2/piginput/A"**

**Output(s):**

**Failed to produce result in "file:/tmp/temp-940564273/tmp1050353937"**

**Counters:**

**Total records written : 0**

**Total bytes written : 0**

**Spillable Memory Manager spill count : 0**

**Total bags proactively spilled: 0**

**Total records proactively spilled: 0**

**Job DAG:**

**job\_local1929657963\_0001**

**2018-05-17 21:46:18,818 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Failed!**

**2018-05-17 21:46:18,826 [main] ERROR org.apache.pig.tools.grunt.Grunt - ERROR 1066: Unable to open iterator for alias B. Backend error : java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**Details at logfile: /home/student2/pig\_1526618347591.log**

**grunt> dump A;**

**2018-05-17 21:46:43,859 [main] INFO org.apache.pig.tools.pigstats.ScriptState - Pig features used in the script: UNKNOWN**

**2018-05-17 21:46:43,872 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:46:43,872 [main] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:46:43,873 [main] INFO org.apache.pig.newplan.logical.optimizer.LogicalPlanOptimizer - {RULES\_ENABLED=[AddForEach, ColumnMapKeyPrune, ConstantCalculator, GroupByConstParallelSetter, LimitOptimizer, LoadTypeCastInserter, MergeFilter, MergeForEach, NestedLimitOptimizer, PartitionFilterOptimizer, PredicatePushdownOptimizer, PushDownForEachFlatten, PushUpFilter, SplitFilter, StreamTypeCastInserter]}**

**2018-05-17 21:46:43,875 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MRCompiler - File concatenation threshold: 100 optimistic? false**

**2018-05-17 21:46:43,876 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size before optimization: 1**

**2018-05-17 21:46:43,877 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size after optimization: 1**

**2018-05-17 21:46:43,886 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:46:43,888 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:46:43,889 [main] INFO org.apache.pig.tools.pigstats.mapreduce.MRScriptState - Pig script settings are added to the job**

**2018-05-17 21:46:43,890 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - mapred.job.reduce.markreset.buffer.percent is not set, set to default 0.3**

**2018-05-17 21:46:43,895 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - Setting up single store job**

**2018-05-17 21:46:43,896 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Key [pig.schematuple] is false, will not generate code.**

**2018-05-17 21:46:43,896 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Starting process to move generated code to distributed cacche**

**2018-05-17 21:46:43,896 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Distributed cache not supported or needed in local mode. Setting key [pig.schematuple.local.dir] with code temp directory: /tmp/1526618803895-0**

**2018-05-17 21:46:43,921 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 1 map-reduce job(s) waiting for submission.**

**2018-05-17 21:46:43,923 [JobControl] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:46:43,931 [JobControl] WARN org.apache.hadoop.mapreduce.JobResourceUploader - No job jar file set. User classes may not be found. See Job or Job#setJar(String).**

**2018-05-17 21:46:43,933 [JobControl] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:46:43,935 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - Cleaning up the staging area file:/tmp/hadoop-student2/mapred/staging/student21784378649/.staging/job\_local1784378649\_0002**

**2018-05-17 21:46:43,935 [JobControl] INFO org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob - PigLatin:DefaultJobName got an error while submitting**

**org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**2018-05-17 21:46:44,137 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - HadoopJobId: job\_local1784378649\_0002**

**2018-05-17 21:46:44,137 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Processing aliases A**

**2018-05-17 21:46:44,137 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - detailed locations: M: A[1,4],A[-1,-1] C: R:**

**2018-05-17 21:46:44,143 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 0% complete**

**2018-05-17 21:46:44,146 [main] WARN org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Ooops! Some job has failed! Specify -stop\_on\_failure if you want Pig to stop immediately on failure.**

**2018-05-17 21:46:44,146 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - job job\_local1784378649\_0002 has failed! Stop running all dependent jobs**

**2018-05-17 21:46:44,146 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 100% complete**

**2018-05-17 21:46:44,147 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:46:44,147 [main] ERROR org.apache.pig.tools.pigstats.PigStats - ERROR 0: java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**2018-05-17 21:46:44,148 [main] ERROR org.apache.pig.tools.pigstats.mapreduce.MRPigStatsUtil - 1 map reduce job(s) failed!**

**2018-05-17 21:46:44,148 [main] INFO org.apache.pig.tools.pigstats.mapreduce.SimplePigStats - Script Statistics:**

**HadoopVersion PigVersion UserId StartedAt FinishedAt Features**

**2.9.0 0.17.0 student2 2018-05-17 21:46:43 2018-05-17 21:46:44 UNKNOWN**

**Failed!**

**Failed Jobs:**

**JobId Alias Feature Message Outputs**

**job\_local1784378649\_0002 A MAP\_ONLY Message: org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**file:/tmp/temp-940564273/tmp-1677119264,**

**Input(s):**

**Failed to read data from "file:///home/student2/piginput/A"**

**Output(s):**

**Failed to produce result in "file:/tmp/temp-940564273/tmp-1677119264"**

**Counters:**

**Total records written : 0**

**Total bytes written : 0**

**Spillable Memory Manager spill count : 0**

**Total bags proactively spilled: 0**

**Total records proactively spilled: 0**

**Job DAG:**

**job\_local1784378649\_0002**

**2018-05-17 21:46:44,148 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Failed!**

**2018-05-17 21:46:44,149 [main] ERROR org.apache.pig.tools.grunt.Grunt - ERROR 1066: Unable to open iterator for alias A. Backend error : java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**Details at logfile: /home/student2/pig\_1526618347591.log**

**grunt> B = FOREACH A GENERATE com.hadoopbook.pig.Trim(fruit);**

**grunt> dump A;**

**2018-05-17 21:47:38,167 [main] INFO org.apache.pig.tools.pigstats.ScriptState - Pig features used in the script: UNKNOWN**

**2018-05-17 21:47:38,179 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:47:38,179 [main] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:47:38,180 [main] INFO org.apache.pig.newplan.logical.optimizer.LogicalPlanOptimizer - {RULES\_ENABLED=[AddForEach, ColumnMapKeyPrune, ConstantCalculator, GroupByConstParallelSetter, LimitOptimizer, LoadTypeCastInserter, MergeFilter, MergeForEach, NestedLimitOptimizer, PartitionFilterOptimizer, PredicatePushdownOptimizer, PushDownForEachFlatten, PushUpFilter, SplitFilter, StreamTypeCastInserter]}**

**2018-05-17 21:47:38,182 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MRCompiler - File concatenation threshold: 100 optimistic? false**

**2018-05-17 21:47:38,183 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size before optimization: 1**

**2018-05-17 21:47:38,183 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size after optimization: 1**

**2018-05-17 21:47:38,192 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:47:38,193 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:47:38,194 [main] INFO org.apache.pig.tools.pigstats.mapreduce.MRScriptState - Pig script settings are added to the job**

**2018-05-17 21:47:38,194 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - mapred.job.reduce.markreset.buffer.percent is not set, set to default 0.3**

**2018-05-17 21:47:38,199 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - Setting up single store job**

**2018-05-17 21:47:38,200 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Key [pig.schematuple] is false, will not generate code.**

**2018-05-17 21:47:38,200 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Starting process to move generated code to distributed cacche**

**2018-05-17 21:47:38,200 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Distributed cache not supported or needed in local mode. Setting key [pig.schematuple.local.dir] with code temp directory: /tmp/1526618858200-0**

**2018-05-17 21:47:38,225 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 1 map-reduce job(s) waiting for submission.**

**2018-05-17 21:47:38,228 [JobControl] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:47:38,234 [JobControl] WARN org.apache.hadoop.mapreduce.JobResourceUploader - No job jar file set. User classes may not be found. See Job or Job#setJar(String).**

**2018-05-17 21:47:38,236 [JobControl] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:47:38,237 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - Cleaning up the staging area file:/tmp/hadoop-student2/mapred/staging/student2858446242/.staging/job\_local858446242\_0003**

**2018-05-17 21:47:38,237 [JobControl] INFO org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob - PigLatin:DefaultJobName got an error while submitting**

**org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**2018-05-17 21:47:38,439 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - HadoopJobId: job\_local858446242\_0003**

**2018-05-17 21:47:38,439 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Processing aliases A**

**2018-05-17 21:47:38,439 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - detailed locations: M: A[1,4],A[-1,-1] C: R:**

**2018-05-17 21:47:38,445 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 0% complete**

**2018-05-17 21:47:38,449 [main] WARN org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Ooops! Some job has failed! Specify -stop\_on\_failure if you want Pig to stop immediately on failure.**

**2018-05-17 21:47:38,449 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - job job\_local858446242\_0003 has failed! Stop running all dependent jobs**

**2018-05-17 21:47:38,449 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 100% complete**

**2018-05-17 21:47:38,451 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:47:38,451 [main] ERROR org.apache.pig.tools.pigstats.PigStats - ERROR 0: java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**2018-05-17 21:47:38,451 [main] ERROR org.apache.pig.tools.pigstats.mapreduce.MRPigStatsUtil - 1 map reduce job(s) failed!**

**2018-05-17 21:47:38,452 [main] INFO org.apache.pig.tools.pigstats.mapreduce.SimplePigStats - Script Statistics:**

**HadoopVersion PigVersion UserId StartedAt FinishedAt Features**

**2.9.0 0.17.0 student2 2018-05-17 21:47:38 2018-05-17 21:47:38 UNKNOWN**

**Failed!**

**Failed Jobs:**

**JobId Alias Feature Message Outputs**

**job\_local858446242\_0003 A MAP\_ONLY Message: org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**file:/tmp/temp-940564273/tmp-2036880359,**

**Input(s):**

**Failed to read data from "file:///home/student2/piginput/A"**

**Output(s):**

**Failed to produce result in "file:/tmp/temp-940564273/tmp-2036880359"**

**Counters:**

**Total records written : 0**

**Total bytes written : 0**

**Spillable Memory Manager spill count : 0**

**Total bags proactively spilled: 0**

**Total records proactively spilled: 0**

**Job DAG:**

**job\_local858446242\_0003**

**2018-05-17 21:47:38,452 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Failed!**

**2018-05-17 21:47:38,454 [main] ERROR org.apache.pig.tools.grunt.Grunt - ERROR 1066: Unable to open iterator for alias A. Backend error : java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**Details at logfile: /home/student2/pig\_1526618347591.log**

**grunt> A = LOAD 'piginput/A' AS (fruit:chararray);**

**2018-05-17 21:47:57,153 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**grunt> REGISTER pig-trim.jar;**

**grunt> dump A;**

**2018-05-17 21:48:20,401 [main] INFO org.apache.pig.tools.pigstats.ScriptState - Pig features used in the script: UNKNOWN**

**2018-05-17 21:48:20,413 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:48:20,414 [main] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:48:20,414 [main] INFO org.apache.pig.newplan.logical.optimizer.LogicalPlanOptimizer - {RULES\_ENABLED=[AddForEach, ColumnMapKeyPrune, ConstantCalculator, GroupByConstParallelSetter, LimitOptimizer, LoadTypeCastInserter, MergeFilter, MergeForEach, NestedLimitOptimizer, PartitionFilterOptimizer, PredicatePushdownOptimizer, PushDownForEachFlatten, PushUpFilter, SplitFilter, StreamTypeCastInserter]}**

**2018-05-17 21:48:20,416 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MRCompiler - File concatenation threshold: 100 optimistic? false**

**2018-05-17 21:48:20,417 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size before optimization: 1**

**2018-05-17 21:48:20,417 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size after optimization: 1**

**2018-05-17 21:48:20,425 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:48:20,426 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:48:20,427 [main] INFO org.apache.pig.tools.pigstats.mapreduce.MRScriptState - Pig script settings are added to the job**

**2018-05-17 21:48:20,427 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - mapred.job.reduce.markreset.buffer.percent is not set, set to default 0.3**

**2018-05-17 21:48:20,430 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - Setting up single store job**

**2018-05-17 21:48:20,431 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Key [pig.schematuple] is false, will not generate code.**

**2018-05-17 21:48:20,431 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Starting process to move generated code to distributed cacche**

**2018-05-17 21:48:20,431 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Distributed cache not supported or needed in local mode. Setting key [pig.schematuple.local.dir] with code temp directory: /tmp/1526618900431-0**

**2018-05-17 21:48:20,451 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 1 map-reduce job(s) waiting for submission.**

**2018-05-17 21:48:20,468 [JobControl] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:48:20,474 [JobControl] WARN org.apache.hadoop.mapreduce.JobResourceUploader - No job jar file set. User classes may not be found. See Job or Job#setJar(String).**

**2018-05-17 21:48:20,476 [JobControl] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:48:20,477 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - Cleaning up the staging area file:/tmp/hadoop-student2/mapred/staging/student275396528/.staging/job\_local75396528\_0004**

**2018-05-17 21:48:20,478 [JobControl] INFO org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob - PigLatin:DefaultJobName got an error while submitting**

**org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**2018-05-17 21:48:20,679 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - HadoopJobId: job\_local75396528\_0004**

**2018-05-17 21:48:20,679 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Processing aliases A**

**2018-05-17 21:48:20,679 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - detailed locations: M: A[4,4],A[-1,-1] C: R:**

**2018-05-17 21:48:20,684 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 0% complete**

**2018-05-17 21:48:20,688 [main] WARN org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Ooops! Some job has failed! Specify -stop\_on\_failure if you want Pig to stop immediately on failure.**

**2018-05-17 21:48:20,688 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - job job\_local75396528\_0004 has failed! Stop running all dependent jobs**

**2018-05-17 21:48:20,688 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 100% complete**

**2018-05-17 21:48:20,690 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:48:20,690 [main] ERROR org.apache.pig.tools.pigstats.PigStats - ERROR 0: java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**2018-05-17 21:48:20,690 [main] ERROR org.apache.pig.tools.pigstats.mapreduce.MRPigStatsUtil - 1 map reduce job(s) failed!**

**2018-05-17 21:48:20,691 [main] INFO org.apache.pig.tools.pigstats.mapreduce.SimplePigStats - Script Statistics:**

**HadoopVersion PigVersion UserId StartedAt FinishedAt Features**

**2.9.0 0.17.0 student2 2018-05-17 21:48:20 2018-05-17 21:48:20 UNKNOWN**

**Failed!**

**Failed Jobs:**

**JobId Alias Feature Message Outputs**

**job\_local75396528\_0004 A MAP\_ONLY Message: org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**file:/tmp/temp-940564273/tmp760291379,**

**Input(s):**

**Failed to read data from "file:///home/student2/piginput/A"**

**Output(s):**

**Failed to produce result in "file:/tmp/temp-940564273/tmp760291379"**

**Counters:**

**Total records written : 0**

**Total bytes written : 0**

**Spillable Memory Manager spill count : 0**

**Total bags proactively spilled: 0**

**Total records proactively spilled: 0**

**Job DAG:**

**job\_local75396528\_0004**

**2018-05-17 21:48:20,691 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Failed!**

**2018-05-17 21:48:20,693 [main] ERROR org.apache.pig.tools.grunt.Grunt - ERROR 1066: Unable to open iterator for alias A. Backend error : java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**Details at logfile: /home/student2/pig\_1526618347591.log**

**grunt> B = FOREACH A GENERATE com.hadoopbook.pig.Trim(fruit);**

**grunt> dump B;**

**2018-05-17 21:48:51,038 [main] INFO org.apache.pig.tools.pigstats.ScriptState - Pig features used in the script: UNKNOWN**

**2018-05-17 21:48:51,056 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:48:51,056 [main] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:48:51,056 [main] INFO org.apache.pig.newplan.logical.optimizer.LogicalPlanOptimizer - {RULES\_ENABLED=[AddForEach, ColumnMapKeyPrune, ConstantCalculator, GroupByConstParallelSetter, LimitOptimizer, LoadTypeCastInserter, MergeFilter, MergeForEach, NestedLimitOptimizer, PartitionFilterOptimizer, PredicatePushdownOptimizer, PushDownForEachFlatten, PushUpFilter, SplitFilter, StreamTypeCastInserter]}**

**2018-05-17 21:48:51,059 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MRCompiler - File concatenation threshold: 100 optimistic? false**

**2018-05-17 21:48:51,060 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size before optimization: 1**

**2018-05-17 21:48:51,060 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size after optimization: 1**

**2018-05-17 21:48:51,068 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:48:51,069 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:48:51,070 [main] INFO org.apache.pig.tools.pigstats.mapreduce.MRScriptState - Pig script settings are added to the job**

**2018-05-17 21:48:51,071 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - mapred.job.reduce.markreset.buffer.percent is not set, set to default 0.3**

**2018-05-17 21:48:51,075 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - Setting up single store job**

**2018-05-17 21:48:51,075 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Key [pig.schematuple] is false, will not generate code.**

**2018-05-17 21:48:51,075 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Starting process to move generated code to distributed cacche**

**2018-05-17 21:48:51,076 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Distributed cache not supported or needed in local mode. Setting key [pig.schematuple.local.dir] with code temp directory: /tmp/1526618931075-0**

**2018-05-17 21:48:51,090 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 1 map-reduce job(s) waiting for submission.**

**2018-05-17 21:48:51,092 [JobControl] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:48:51,098 [JobControl] WARN org.apache.hadoop.mapreduce.JobResourceUploader - No job jar file set. User classes may not be found. See Job or Job#setJar(String).**

**2018-05-17 21:48:51,101 [JobControl] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:48:51,102 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - Cleaning up the staging area file:/tmp/hadoop-student2/mapred/staging/student2368394409/.staging/job\_local368394409\_0005**

**2018-05-17 21:48:51,102 [JobControl] INFO org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob - PigLatin:DefaultJobName got an error while submitting**

**org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**2018-05-17 21:48:51,304 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - HadoopJobId: job\_local368394409\_0005**

**2018-05-17 21:48:51,304 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Processing aliases A,B**

**2018-05-17 21:48:51,304 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - detailed locations: M: A[4,4],B[-1,-1] C: R:**

**2018-05-17 21:48:51,309 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 0% complete**

**2018-05-17 21:48:51,313 [main] WARN org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Ooops! Some job has failed! Specify -stop\_on\_failure if you want Pig to stop immediately on failure.**

**2018-05-17 21:48:51,313 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - job job\_local368394409\_0005 has failed! Stop running all dependent jobs**

**2018-05-17 21:48:51,313 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 100% complete**

**2018-05-17 21:48:51,314 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:48:51,315 [main] ERROR org.apache.pig.tools.pigstats.PigStats - ERROR 0: java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**2018-05-17 21:48:51,315 [main] ERROR org.apache.pig.tools.pigstats.mapreduce.MRPigStatsUtil - 1 map reduce job(s) failed!**

**2018-05-17 21:48:51,315 [main] INFO org.apache.pig.tools.pigstats.mapreduce.SimplePigStats - Script Statistics:**

**HadoopVersion PigVersion UserId StartedAt FinishedAt Features**

**2.9.0 0.17.0 student2 2018-05-17 21:48:51 2018-05-17 21:48:51 UNKNOWN**

**Failed!**

**Failed Jobs:**

**JobId Alias Feature Message Outputs**

**job\_local368394409\_0005 A,B MAP\_ONLY Message: org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**file:/tmp/temp-940564273/tmp-2121527755,**

**Input(s):**

**Failed to read data from "file:///home/student2/piginput/A"**

**Output(s):**

**Failed to produce result in "file:/tmp/temp-940564273/tmp-2121527755"**

**Counters:**

**Total records written : 0**

**Total bytes written : 0**

**Spillable Memory Manager spill count : 0**

**Total bags proactively spilled: 0**

**Total records proactively spilled: 0**

**Job DAG:**

**job\_local368394409\_0005**

**2018-05-17 21:48:51,315 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Failed!**

**2018-05-17 21:48:51,316 [main] ERROR org.apache.pig.tools.grunt.Grunt - ERROR 1066: Unable to open iterator for alias B. Backend error : java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**Details at logfile: /home/student2/pig\_1526618347591.log**

**grunt> A = LOAD 'piginput/A' AS (fruit:chararray);**

**2018-05-17 21:48:58,861 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**grunt> dump A;**

**2018-05-17 21:49:04,979 [main] INFO org.apache.pig.tools.pigstats.ScriptState - Pig features used in the script: UNKNOWN**

**2018-05-17 21:49:04,991 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:49:04,991 [main] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:49:04,991 [main] INFO org.apache.pig.newplan.logical.optimizer.LogicalPlanOptimizer - {RULES\_ENABLED=[AddForEach, ColumnMapKeyPrune, ConstantCalculator, GroupByConstParallelSetter, LimitOptimizer, LoadTypeCastInserter, MergeFilter, MergeForEach, NestedLimitOptimizer, PartitionFilterOptimizer, PredicatePushdownOptimizer, PushDownForEachFlatten, PushUpFilter, SplitFilter, StreamTypeCastInserter]}**

**2018-05-17 21:49:04,993 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MRCompiler - File concatenation threshold: 100 optimistic? false**

**2018-05-17 21:49:04,994 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size before optimization: 1**

**2018-05-17 21:49:04,994 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size after optimization: 1**

**2018-05-17 21:49:05,002 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:49:05,003 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:05,004 [main] INFO org.apache.pig.tools.pigstats.mapreduce.MRScriptState - Pig script settings are added to the job**

**2018-05-17 21:49:05,004 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - mapred.job.reduce.markreset.buffer.percent is not set, set to default 0.3**

**2018-05-17 21:49:05,007 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - Setting up single store job**

**2018-05-17 21:49:05,008 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Key [pig.schematuple] is false, will not generate code.**

**2018-05-17 21:49:05,008 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Starting process to move generated code to distributed cacche**

**2018-05-17 21:49:05,008 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Distributed cache not supported or needed in local mode. Setting key [pig.schematuple.local.dir] with code temp directory: /tmp/1526618945008-0**

**2018-05-17 21:49:05,028 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 1 map-reduce job(s) waiting for submission.**

**2018-05-17 21:49:05,030 [JobControl] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:05,036 [JobControl] WARN org.apache.hadoop.mapreduce.JobResourceUploader - No job jar file set. User classes may not be found. See Job or Job#setJar(String).**

**2018-05-17 21:49:05,038 [JobControl] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:49:05,039 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - Cleaning up the staging area file:/tmp/hadoop-student2/mapred/staging/student2666807305/.staging/job\_local666807305\_0006**

**2018-05-17 21:49:05,039 [JobControl] INFO org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob - PigLatin:DefaultJobName got an error while submitting**

**org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**2018-05-17 21:49:05,241 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - HadoopJobId: job\_local666807305\_0006**

**2018-05-17 21:49:05,241 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Processing aliases A**

**2018-05-17 21:49:05,241 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - detailed locations: M: A[6,4],A[-1,-1] C: R:**

**2018-05-17 21:49:05,245 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 0% complete**

**2018-05-17 21:49:05,250 [main] WARN org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Ooops! Some job has failed! Specify -stop\_on\_failure if you want Pig to stop immediately on failure.**

**2018-05-17 21:49:05,250 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - job job\_local666807305\_0006 has failed! Stop running all dependent jobs**

**2018-05-17 21:49:05,250 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 100% complete**

**2018-05-17 21:49:05,252 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:05,252 [main] ERROR org.apache.pig.tools.pigstats.PigStats - ERROR 0: java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**2018-05-17 21:49:05,252 [main] ERROR org.apache.pig.tools.pigstats.mapreduce.MRPigStatsUtil - 1 map reduce job(s) failed!**

**2018-05-17 21:49:05,253 [main] INFO org.apache.pig.tools.pigstats.mapreduce.SimplePigStats - Script Statistics:**

**HadoopVersion PigVersion UserId StartedAt FinishedAt Features**

**2.9.0 0.17.0 student2 2018-05-17 21:49:05 2018-05-17 21:49:05 UNKNOWN**

**Failed!**

**Failed Jobs:**

**JobId Alias Feature Message Outputs**

**job\_local666807305\_0006 A MAP\_ONLY Message: org.apache.pig.backend.executionengine.ExecException: ERROR 2118: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:294)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeNewSplits(JobSubmitter.java:314)**

**at org.apache.hadoop.mapreduce.JobSubmitter.writeSplits(JobSubmitter.java:331)**

**at org.apache.hadoop.mapreduce.JobSubmitter.submitJobInternal(JobSubmitter.java:202)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1570)**

**at org.apache.hadoop.mapreduce.Job$11.run(Job.java:1567)**

**at java.security.AccessController.doPrivileged(Native Method)**

**at javax.security.auth.Subject.doAs(Subject.java:421)**

**at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1886)**

**at org.apache.hadoop.mapreduce.Job.submit(Job.java:1567)**

**at org.apache.hadoop.mapreduce.lib.jobcontrol.ControlledJob.submit(ControlledJob.java:335)**

**at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)**

**at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:57)**

**at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)**

**at java.lang.reflect.Method.invoke(Method.java:606)**

**at org.apache.pig.backend.hadoop.PigJobControl.submit(PigJobControl.java:128)**

**at org.apache.pig.backend.hadoop.PigJobControl.run(PigJobControl.java:205)**

**at java.lang.Thread.run(Thread.java:748)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher$1.run(MapReduceLauncher.java:301)**

**Caused by: org.apache.hadoop.mapreduce.lib.input.InvalidInputException: Input path does not exist: file:/home/student2/piginput/A**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.singleThreadedListStatus(FileInputFormat.java:329)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.listStatus(FileInputFormat.java:271)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigTextInputFormat.listStatus(PigTextInputFormat.java:36)**

**at org.apache.hadoop.mapreduce.lib.input.FileInputFormat.getSplits(FileInputFormat.java:393)**

**at org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigInputFormat.getSplits(PigInputFormat.java:280)**

**... 18 more**

**file:/tmp/temp-940564273/tmp-1758928436,**

**Input(s):**

**Failed to read data from "file:///home/student2/piginput/A"**

**Output(s):**

**Failed to produce result in "file:/tmp/temp-940564273/tmp-1758928436"**

**Counters:**

**Total records written : 0**

**Total bytes written : 0**

**Spillable Memory Manager spill count : 0**

**Total bags proactively spilled: 0**

**Total records proactively spilled: 0**

**Job DAG:**

**job\_local666807305\_0006**

**2018-05-17 21:49:05,253 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Failed!**

**2018-05-17 21:49:05,254 [main] ERROR org.apache.pig.tools.grunt.Grunt - ERROR 1066: Unable to open iterator for alias A. Backend error : java.lang.IllegalStateException: Job in state DEFINE instead of RUNNING**

**Details at logfile: /home/student2/pig\_1526618347591.log**

**grunt> A = LOAD 'Piginput/A' AS (fruit:chararray);**

**2018-05-17 21:49:24,164 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**grunt> dump A;**

**2018-05-17 21:49:28,636 [main] INFO org.apache.pig.tools.pigstats.ScriptState - Pig features used in the script: UNKNOWN**

**2018-05-17 21:49:28,645 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:49:28,646 [main] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:49:28,646 [main] INFO org.apache.pig.newplan.logical.optimizer.LogicalPlanOptimizer - {RULES\_ENABLED=[AddForEach, ColumnMapKeyPrune, ConstantCalculator, GroupByConstParallelSetter, LimitOptimizer, LoadTypeCastInserter, MergeFilter, MergeForEach, NestedLimitOptimizer, PartitionFilterOptimizer, PredicatePushdownOptimizer, PushDownForEachFlatten, PushUpFilter, SplitFilter, StreamTypeCastInserter]}**

**2018-05-17 21:49:28,647 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MRCompiler - File concatenation threshold: 100 optimistic? false**

**2018-05-17 21:49:28,648 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size before optimization: 1**

**2018-05-17 21:49:28,648 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size after optimization: 1**

**2018-05-17 21:49:28,655 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:49:28,656 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:28,658 [main] INFO org.apache.pig.tools.pigstats.mapreduce.MRScriptState - Pig script settings are added to the job**

**2018-05-17 21:49:28,658 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - mapred.job.reduce.markreset.buffer.percent is not set, set to default 0.3**

**2018-05-17 21:49:28,663 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - Setting up single store job**

**2018-05-17 21:49:28,664 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Key [pig.schematuple] is false, will not generate code.**

**2018-05-17 21:49:28,664 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Starting process to move generated code to distributed cacche**

**2018-05-17 21:49:28,664 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Distributed cache not supported or needed in local mode. Setting key [pig.schematuple.local.dir] with code temp directory: /tmp/1526618968664-0**

**2018-05-17 21:49:28,680 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 1 map-reduce job(s) waiting for submission.**

**2018-05-17 21:49:28,682 [JobControl] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:28,690 [JobControl] WARN org.apache.hadoop.mapreduce.JobResourceUploader - No job jar file set. User classes may not be found. See Job or Job#setJar(String).**

**2018-05-17 21:49:28,693 [JobControl] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:49:28,694 [JobControl] INFO org.apache.hadoop.mapreduce.lib.input.FileInputFormat - Total input files to process : 1**

**2018-05-17 21:49:28,694 [JobControl] INFO org.apache.pig.backend.hadoop.executionengine.util.MapRedUtil - Total input paths to process : 1**

**2018-05-17 21:49:28,711 [JobControl] INFO org.apache.pig.backend.hadoop.executionengine.util.MapRedUtil - Total input paths (combined) to process : 1**

**2018-05-17 21:49:28,731 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - number of splits:1**

**2018-05-17 21:49:29,035 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - Submitting tokens for job: job\_local1965953316\_0007**

**2018-05-17 21:49:29,190 [JobControl] INFO org.apache.hadoop.mapreduce.Job - The url to track the job: http://localhost:8080/**

**2018-05-17 21:49:29,192 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - HadoopJobId: job\_local1965953316\_0007**

**2018-05-17 21:49:29,192 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Processing aliases A**

**2018-05-17 21:49:29,192 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - detailed locations: M: A[7,4],A[-1,-1] C: R:**

**2018-05-17 21:49:29,195 [Thread-6] INFO org.apache.hadoop.mapred.LocalJobRunner - OutputCommitter set in config null**

**2018-05-17 21:49:29,198 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 0% complete**

**2018-05-17 21:49:29,198 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Running jobs are [job\_local1965953316\_0007]**

**2018-05-17 21:49:29,216 [Thread-6] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.reduce.markreset.buffer.percent is deprecated. Instead, use mapreduce.reduce.markreset.buffer.percent**

**2018-05-17 21:49:29,217 [Thread-6] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:49:29,217 [Thread-6] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.tracker is deprecated. Instead, use mapreduce.jobtracker.address**

**2018-05-17 21:49:29,217 [Thread-6] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - File Output Committer Algorithm version is 1**

**2018-05-17 21:49:29,217 [Thread-6] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false**

**2018-05-17 21:49:29,218 [Thread-6] INFO org.apache.hadoop.mapred.LocalJobRunner - OutputCommitter is org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigOutputCommitter**

**2018-05-17 21:49:29,245 [Thread-6] INFO org.apache.hadoop.mapred.LocalJobRunner - Waiting for map tasks**

**2018-05-17 21:49:29,245 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner - Starting task: attempt\_local1965953316\_0007\_m\_000000\_0**

**2018-05-17 21:49:29,282 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - File Output Committer Algorithm version is 1**

**2018-05-17 21:49:29,283 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false**

**2018-05-17 21:49:29,297 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Using ResourceCalculatorProcessTree : [ ]**

**2018-05-17 21:49:29,302 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.MapTask - Processing split: Number of splits :1**

**Total Length = 38**

**Input split[0]:**

**Length = 38**

**ClassName: org.apache.hadoop.mapreduce.lib.input.FileSplit**

**Locations:**

**-----------------------**

**2018-05-17 21:49:29,309 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:49:29,312 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigRecordReader - Current split being processed file:/home/student2/Piginput/A:0+38**

**2018-05-17 21:49:29,315 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - File Output Committer Algorithm version is 1**

**2018-05-17 21:49:29,315 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false**

**2018-05-17 21:49:29,327 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.impl.util.SpillableMemoryManager - Selected heap (PS Old Gen) of size 698875904 to monitor. collectionUsageThreshold = 489213120, usageThreshold = 489213120**

**2018-05-17 21:49:29,329 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:49:29,334 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigMapOnly$Map - Aliases being processed per job phase (AliasName[line,offset]): M: A[7,4],A[-1,-1] C: R:**

**2018-05-17 21:49:29,341 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner -**

**2018-05-17 21:49:29,342 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Task:attempt\_local1965953316\_0007\_m\_000000\_0 is done. And is in the process of committing**

**2018-05-17 21:49:29,350 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner -**

**2018-05-17 21:49:29,350 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Task attempt\_local1965953316\_0007\_m\_000000\_0 is allowed to commit now**

**2018-05-17 21:49:29,352 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - Saved output of task 'attempt\_local1965953316\_0007\_m\_000000\_0' to file:/tmp/temp-940564273/tmp1996850727/\_temporary/0/task\_local1965953316\_0007\_m\_000000**

**2018-05-17 21:49:29,352 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner - map**

**2018-05-17 21:49:29,353 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Task 'attempt\_local1965953316\_0007\_m\_000000\_0' done.**

**2018-05-17 21:49:29,353 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner - Finishing task: attempt\_local1965953316\_0007\_m\_000000\_0**

**2018-05-17 21:49:29,353 [Thread-6] INFO org.apache.hadoop.mapred.LocalJobRunner - map task executor complete.**

**2018-05-17 21:49:29,494 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:29,503 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:29,503 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps**

**2018-05-17 21:49:29,503 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.reduce.tasks is deprecated. Instead, use mapreduce.job.reduces**

**2018-05-17 21:49:29,504 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:29,523 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 100% complete**

**2018-05-17 21:49:29,524 [main] INFO org.apache.pig.tools.pigstats.mapreduce.SimplePigStats - Script Statistics:**

**HadoopVersion PigVersion UserId StartedAt FinishedAt Features**

**2.9.0 0.17.0 student2 2018-05-17 21:49:28 2018-05-17 21:49:29 UNKNOWN**

**Success!**

**Job Stats (time in seconds):**

**JobId Maps Reduces MaxMapTime MinMapTime AvgMapTime MedianMapTime MaxReduceTime MinReduceTime AvgReduceTime MedianReducetime Alias Feature Outputs**

**job\_local1965953316\_0007 1 0 n/a n/a n/a n/a 0 0 0 0 A MAP\_ONLY file:/tmp/temp-940564273/tmp1996850727,**

**Input(s):**

**Successfully read 4 records from: "file:///home/student2/Piginput/A"**

**Output(s):**

**Successfully stored 4 records in: "file:/tmp/temp-940564273/tmp1996850727"**

**Counters:**

**Total records written : 4**

**Total bytes written : 0**

**Spillable Memory Manager spill count : 0**

**Total bags proactively spilled: 0**

**Total records proactively spilled: 0**

**Job DAG:**

**job\_local1965953316\_0007**

**2018-05-17 21:49:29,525 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:29,525 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:29,526 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:29,531 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Success!**

**2018-05-17 21:49:29,532 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:49:29,532 [main] WARN org.apache.pig.data.SchemaTupleBackend - SchemaTupleBackend has already been initialized**

**2018-05-17 21:49:29,542 [main] INFO org.apache.hadoop.mapreduce.lib.input.FileInputFormat - Total input files to process : 1**

**2018-05-17 21:49:29,542 [main] INFO org.apache.pig.backend.hadoop.executionengine.util.MapRedUtil - Total input paths to process : 1**

**( pomegranate)**

**(banana )**

**(apple)**

**( lychee )**

**grunt> REGISTER pig-trim.jar;**

**grunt> B = FOREACH A GENERATE com.hadoopbook.pig.Trim(fruit);**

**grunt> dump B;**

**2018-05-17 21:49:57,270 [main] INFO org.apache.pig.tools.pigstats.ScriptState - Pig features used in the script: UNKNOWN**

**2018-05-17 21:49:57,280 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:49:57,280 [main] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:49:57,280 [main] INFO org.apache.pig.newplan.logical.optimizer.LogicalPlanOptimizer - {RULES\_ENABLED=[AddForEach, ColumnMapKeyPrune, ConstantCalculator, GroupByConstParallelSetter, LimitOptimizer, LoadTypeCastInserter, MergeFilter, MergeForEach, NestedLimitOptimizer, PartitionFilterOptimizer, PredicatePushdownOptimizer, PushDownForEachFlatten, PushUpFilter, SplitFilter, StreamTypeCastInserter]}**

**2018-05-17 21:49:57,282 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MRCompiler - File concatenation threshold: 100 optimistic? false**

**2018-05-17 21:49:57,283 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size before optimization: 1**

**2018-05-17 21:49:57,283 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size after optimization: 1**

**2018-05-17 21:49:57,289 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:49:57,290 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:57,291 [main] INFO org.apache.pig.tools.pigstats.mapreduce.MRScriptState - Pig script settings are added to the job**

**2018-05-17 21:49:57,291 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - mapred.job.reduce.markreset.buffer.percent is not set, set to default 0.3**

**2018-05-17 21:49:57,294 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - Setting up single store job**

**2018-05-17 21:49:57,295 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Key [pig.schematuple] is false, will not generate code.**

**2018-05-17 21:49:57,295 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Starting process to move generated code to distributed cacche**

**2018-05-17 21:49:57,295 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Distributed cache not supported or needed in local mode. Setting key [pig.schematuple.local.dir] with code temp directory: /tmp/1526618997294-0**

**2018-05-17 21:49:57,313 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 1 map-reduce job(s) waiting for submission.**

**2018-05-17 21:49:57,316 [JobControl] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:57,324 [JobControl] WARN org.apache.hadoop.mapreduce.JobResourceUploader - No job jar file set. User classes may not be found. See Job or Job#setJar(String).**

**2018-05-17 21:49:57,328 [JobControl] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:49:57,329 [JobControl] INFO org.apache.hadoop.mapreduce.lib.input.FileInputFormat - Total input files to process : 1**

**2018-05-17 21:49:57,329 [JobControl] INFO org.apache.pig.backend.hadoop.executionengine.util.MapRedUtil - Total input paths to process : 1**

**2018-05-17 21:49:57,330 [JobControl] INFO org.apache.pig.backend.hadoop.executionengine.util.MapRedUtil - Total input paths (combined) to process : 1**

**2018-05-17 21:49:57,334 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - number of splits:1**

**2018-05-17 21:49:57,373 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - Submitting tokens for job: job\_local1827564287\_0008**

**2018-05-17 21:49:57,442 [JobControl] INFO org.apache.hadoop.mapreduce.Job - The url to track the job: http://localhost:8080/**

**2018-05-17 21:49:57,442 [Thread-11] INFO org.apache.hadoop.mapred.LocalJobRunner - OutputCommitter set in config null**

**2018-05-17 21:49:57,455 [Thread-11] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.reduce.markreset.buffer.percent is deprecated. Instead, use mapreduce.reduce.markreset.buffer.percent**

**2018-05-17 21:49:57,456 [Thread-11] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:49:57,456 [Thread-11] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.tracker is deprecated. Instead, use mapreduce.jobtracker.address**

**2018-05-17 21:49:57,456 [Thread-11] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - File Output Committer Algorithm version is 1**

**2018-05-17 21:49:57,456 [Thread-11] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false**

**2018-05-17 21:49:57,457 [Thread-11] INFO org.apache.hadoop.mapred.LocalJobRunner - OutputCommitter is org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigOutputCommitter**

**2018-05-17 21:49:57,462 [Thread-11] INFO org.apache.hadoop.mapred.LocalJobRunner - Waiting for map tasks**

**2018-05-17 21:49:57,462 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner - Starting task: attempt\_local1827564287\_0008\_m\_000000\_0**

**2018-05-17 21:49:57,475 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - File Output Committer Algorithm version is 1**

**2018-05-17 21:49:57,475 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false**

**2018-05-17 21:49:57,477 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Using ResourceCalculatorProcessTree : [ ]**

**2018-05-17 21:49:57,479 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.MapTask - Processing split: Number of splits :1**

**Total Length = 38**

**Input split[0]:**

**Length = 38**

**ClassName: org.apache.hadoop.mapreduce.lib.input.FileSplit**

**Locations:**

**-----------------------**

**2018-05-17 21:49:57,481 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:49:57,481 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigRecordReader - Current split being processed file:/home/student2/Piginput/A:0+38**

**2018-05-17 21:49:57,483 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - File Output Committer Algorithm version is 1**

**2018-05-17 21:49:57,483 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false**

**2018-05-17 21:49:57,486 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.impl.util.SpillableMemoryManager - Selected heap (PS Old Gen) of size 698875904 to monitor. collectionUsageThreshold = 489213120, usageThreshold = 489213120**

**2018-05-17 21:49:57,487 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:49:57,493 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigMapOnly$Map - Aliases being processed per job phase (AliasName[line,offset]): M: A[7,4],B[-1,-1] C: R:**

**2018-05-17 21:49:57,497 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner -**

**2018-05-17 21:49:57,497 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Task:attempt\_local1827564287\_0008\_m\_000000\_0 is done. And is in the process of committing**

**2018-05-17 21:49:57,500 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner -**

**2018-05-17 21:49:57,501 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Task attempt\_local1827564287\_0008\_m\_000000\_0 is allowed to commit now**

**2018-05-17 21:49:57,504 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - Saved output of task 'attempt\_local1827564287\_0008\_m\_000000\_0' to file:/tmp/temp-940564273/tmp-22217698/\_temporary/0/task\_local1827564287\_0008\_m\_000000**

**2018-05-17 21:49:57,506 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner - map**

**2018-05-17 21:49:57,506 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Task 'attempt\_local1827564287\_0008\_m\_000000\_0' done.**

**2018-05-17 21:49:57,506 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner - Finishing task: attempt\_local1827564287\_0008\_m\_000000\_0**

**2018-05-17 21:49:57,506 [Thread-11] INFO org.apache.hadoop.mapred.LocalJobRunner - map task executor complete.**

**2018-05-17 21:49:57,643 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - HadoopJobId: job\_local1827564287\_0008**

**2018-05-17 21:49:57,643 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Processing aliases A,B**

**2018-05-17 21:49:57,643 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - detailed locations: M: A[7,4],B[-1,-1] C: R:**

**2018-05-17 21:49:57,651 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:57,652 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:57,653 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:57,657 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 100% complete**

**2018-05-17 21:49:57,657 [main] INFO org.apache.pig.tools.pigstats.mapreduce.SimplePigStats - Script Statistics:**

**HadoopVersion PigVersion UserId StartedAt FinishedAt Features**

**2.9.0 0.17.0 student2 2018-05-17 21:49:57 2018-05-17 21:49:57 UNKNOWN**

**Success!**

**Job Stats (time in seconds):**

**JobId Maps Reduces MaxMapTime MinMapTime AvgMapTime MedianMapTime MaxReduceTime MinReduceTime AvgReduceTime MedianReducetime Alias Feature Outputs**

**job\_local1827564287\_0008 1 0 n/a n/a n/a n/a 0 0 0 0 A,B MAP\_ONLY file:/tmp/temp-940564273/tmp-22217698,**

**Input(s):**

**Successfully read 4 records from: "file:///home/student2/Piginput/A"**

**Output(s):**

**Successfully stored 4 records in: "file:/tmp/temp-940564273/tmp-22217698"**

**Counters:**

**Total records written : 4**

**Total bytes written : 0**

**Spillable Memory Manager spill count : 0**

**Total bags proactively spilled: 0**

**Total records proactively spilled: 0**

**Job DAG:**

**job\_local1827564287\_0008**

**2018-05-17 21:49:57,658 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:57,659 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:57,659 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:49:57,664 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Success!**

**2018-05-17 21:49:57,665 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:49:57,665 [main] WARN org.apache.pig.data.SchemaTupleBackend - SchemaTupleBackend has already been initialized**

**2018-05-17 21:49:57,673 [main] INFO org.apache.hadoop.mapreduce.lib.input.FileInputFormat - Total input files to process : 1**

**2018-05-17 21:49:57,673 [main] INFO org.apache.pig.backend.hadoop.executionengine.util.MapRedUtil - Total input paths to process : 1**

**(pomegranate)**

**(banana)**

**(apple)**

**(lychee)**

**grunt> STORE B INTO 'newfruit' USING PigStorage(':');**

**2018-05-17 21:51:15,809 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:51:15,830 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.textoutputformat.separator is deprecated. Instead, use mapreduce.output.textoutputformat.separator**

**2018-05-17 21:51:15,842 [main] INFO org.apache.pig.tools.pigstats.ScriptState - Pig features used in the script: UNKNOWN**

**2018-05-17 21:51:15,853 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:51:15,854 [main] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:51:15,854 [main] INFO org.apache.pig.newplan.logical.optimizer.LogicalPlanOptimizer - {RULES\_ENABLED=[AddForEach, ColumnMapKeyPrune, ConstantCalculator, GroupByConstParallelSetter, LimitOptimizer, LoadTypeCastInserter, MergeFilter, MergeForEach, NestedLimitOptimizer, PartitionFilterOptimizer, PredicatePushdownOptimizer, PushDownForEachFlatten, PushUpFilter, SplitFilter, StreamTypeCastInserter]}**

**2018-05-17 21:51:15,856 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MRCompiler - File concatenation threshold: 100 optimistic? false**

**2018-05-17 21:51:15,857 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size before optimization: 1**

**2018-05-17 21:51:15,857 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MultiQueryOptimizer - MR plan size after optimization: 1**

**2018-05-17 21:51:15,867 [main] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:51:15,869 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:51:15,870 [main] INFO org.apache.pig.tools.pigstats.mapreduce.MRScriptState - Pig script settings are added to the job**

**2018-05-17 21:51:15,871 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - mapred.job.reduce.markreset.buffer.percent is not set, set to default 0.3**

**2018-05-17 21:51:15,874 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.JobControlCompiler - Setting up single store job**

**2018-05-17 21:51:15,875 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Key [pig.schematuple] is false, will not generate code.**

**2018-05-17 21:51:15,875 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Starting process to move generated code to distributed cacche**

**2018-05-17 21:51:15,875 [main] INFO org.apache.pig.data.SchemaTupleFrontend - Distributed cache not supported or needed in local mode. Setting key [pig.schematuple.local.dir] with code temp directory: /tmp/1526619075875-0**

**2018-05-17 21:51:15,885 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 1 map-reduce job(s) waiting for submission.**

**2018-05-17 21:51:15,887 [JobControl] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:51:15,893 [JobControl] WARN org.apache.hadoop.mapreduce.JobResourceUploader - No job jar file set. User classes may not be found. See Job or Job#setJar(String).**

**2018-05-17 21:51:15,895 [JobControl] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:51:15,896 [JobControl] INFO org.apache.hadoop.mapreduce.lib.input.FileInputFormat - Total input files to process : 1**

**2018-05-17 21:51:15,896 [JobControl] INFO org.apache.pig.backend.hadoop.executionengine.util.MapRedUtil - Total input paths to process : 1**

**2018-05-17 21:51:15,896 [JobControl] INFO org.apache.pig.backend.hadoop.executionengine.util.MapRedUtil - Total input paths (combined) to process : 1**

**2018-05-17 21:51:15,900 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - number of splits:1**

**2018-05-17 21:51:15,948 [JobControl] INFO org.apache.hadoop.mapreduce.JobSubmitter - Submitting tokens for job: job\_local491772905\_0009**

**2018-05-17 21:51:16,028 [JobControl] INFO org.apache.hadoop.mapreduce.Job - The url to track the job: http://localhost:8080/**

**2018-05-17 21:51:16,028 [Thread-14] INFO org.apache.hadoop.mapred.LocalJobRunner - OutputCommitter set in config null**

**2018-05-17 21:51:16,039 [Thread-14] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.textoutputformat.separator is deprecated. Instead, use mapreduce.output.textoutputformat.separator**

**2018-05-17 21:51:16,040 [Thread-14] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.reduce.markreset.buffer.percent is deprecated. Instead, use mapreduce.reduce.markreset.buffer.percent**

**2018-05-17 21:51:16,040 [Thread-14] INFO org.apache.hadoop.conf.Configuration.deprecation - io.bytes.per.checksum is deprecated. Instead, use dfs.bytes-per-checksum**

**2018-05-17 21:51:16,040 [Thread-14] INFO org.apache.hadoop.conf.Configuration.deprecation - mapred.job.tracker is deprecated. Instead, use mapreduce.jobtracker.address**

**2018-05-17 21:51:16,040 [Thread-14] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - File Output Committer Algorithm version is 1**

**2018-05-17 21:51:16,040 [Thread-14] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false**

**2018-05-17 21:51:16,041 [Thread-14] INFO org.apache.hadoop.mapred.LocalJobRunner - OutputCommitter is org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigOutputCommitter**

**2018-05-17 21:51:16,049 [Thread-14] INFO org.apache.hadoop.mapred.LocalJobRunner - Waiting for map tasks**

**2018-05-17 21:51:16,049 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner - Starting task: attempt\_local491772905\_0009\_m\_000000\_0**

**2018-05-17 21:51:16,072 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - File Output Committer Algorithm version is 1**

**2018-05-17 21:51:16,072 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false**

**2018-05-17 21:51:16,073 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Using ResourceCalculatorProcessTree : [ ]**

**2018-05-17 21:51:16,075 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.MapTask - Processing split: Number of splits :1**

**Total Length = 38**

**Input split[0]:**

**Length = 38**

**ClassName: org.apache.hadoop.mapreduce.lib.input.FileSplit**

**Locations:**

**-----------------------**

**2018-05-17 21:51:16,077 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.builtin.PigStorage - Using PigTextInputFormat**

**2018-05-17 21:51:16,078 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigRecordReader - Current split being processed file:/home/student2/Piginput/A:0+38**

**2018-05-17 21:51:16,079 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - File Output Committer Algorithm version is 1**

**2018-05-17 21:51:16,079 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - FileOutputCommitter skip cleanup \_temporary folders under output directory:false, ignore cleanup failures: false**

**2018-05-17 21:51:16,082 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.impl.util.SpillableMemoryManager - Selected heap (PS Old Gen) of size 698875904 to monitor. collectionUsageThreshold = 489213120, usageThreshold = 489213120**

**2018-05-17 21:51:16,083 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.data.SchemaTupleBackend - Key [pig.schematuple] was not set... will not generate code.**

**2018-05-17 21:51:16,086 [LocalJobRunner Map Task Executor #0] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.PigMapOnly$Map - Aliases being processed per job phase (AliasName[line,offset]): M: A[7,4],B[-1,-1] C: R:**

**2018-05-17 21:51:16,088 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner -**

**2018-05-17 21:51:16,088 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Task:attempt\_local491772905\_0009\_m\_000000\_0 is done. And is in the process of committing**

**2018-05-17 21:51:16,091 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner -**

**2018-05-17 21:51:16,091 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Task attempt\_local491772905\_0009\_m\_000000\_0 is allowed to commit now**

**2018-05-17 21:51:16,093 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapreduce.lib.output.FileOutputCommitter - Saved output of task 'attempt\_local491772905\_0009\_m\_000000\_0' to file:/home/student2/newfruit/\_temporary/0/task\_local491772905\_0009\_m\_000000**

**2018-05-17 21:51:16,094 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner - map**

**2018-05-17 21:51:16,094 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.Task - Task 'attempt\_local491772905\_0009\_m\_000000\_0' done.**

**2018-05-17 21:51:16,094 [LocalJobRunner Map Task Executor #0] INFO org.apache.hadoop.mapred.LocalJobRunner - Finishing task: attempt\_local491772905\_0009\_m\_000000\_0**

**2018-05-17 21:51:16,094 [Thread-14] INFO org.apache.hadoop.mapred.LocalJobRunner - map task executor complete.**

**2018-05-17 21:51:16,229 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - HadoopJobId: job\_local491772905\_0009**

**2018-05-17 21:51:16,229 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Processing aliases A,B**

**2018-05-17 21:51:16,229 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - detailed locations: M: A[7,4],B[-1,-1] C: R:**

**2018-05-17 21:51:16,232 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:51:16,233 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:51:16,234 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:51:16,237 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - 100% complete**

**2018-05-17 21:51:16,237 [main] INFO org.apache.pig.tools.pigstats.mapreduce.SimplePigStats - Script Statistics:**

**HadoopVersion PigVersion UserId StartedAt FinishedAt Features**

**2.9.0 0.17.0 student2 2018-05-17 21:51:15 2018-05-17 21:51:16 UNKNOWN**

**Success!**

**Job Stats (time in seconds):**

**JobId Maps Reduces MaxMapTime MinMapTime AvgMapTime MedianMapTime MaxReduceTime MinReduceTime AvgReduceTime MedianReducetime Alias Feature Outputs**

**job\_local491772905\_0009 1 0 n/a n/a n/a n/a 0 0 0 0 A,B MAP\_ONLY file:///home/student2/newfruit,**

**Input(s):**

**Successfully read 4 records from: "file:///home/student2/Piginput/A"**

**Output(s):**

**Successfully stored 4 records in: "file:///home/student2/newfruit"**

**Counters:**

**Total records written : 4**

**Total bytes written : 0**

**Spillable Memory Manager spill count : 0**

**Total bags proactively spilled: 0**

**Total records proactively spilled: 0**

**Job DAG:**

**job\_local491772905\_0009**

**2018-05-17 21:51:16,238 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:51:16,238 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:51:16,239 [main] INFO org.apache.hadoop.metrics.jvm.JvmMetrics - Cannot initialize JVM Metrics with processName=JobTracker, sessionId= - already initialized**

**2018-05-17 21:51:16,245 [main] INFO org.apache.pig.backend.hadoop.executionengine.mapReduceLayer.MapReduceLauncher - Success!**

**grunt> cat newfruit;**

**pomegranate**

**banana**

**apple**

**lychee**

**grunt>**