bash: export: `HADOOP\_OPTS-Djava.library.path=/home/hdoop/hadoop-3.2.3/lib/nativ': not a valid identifier

hdoop@Vilas:~$ sudo mkdir Test

[sudo] password for hdoop:

hdoop@Vilas:~$ sudo chmod -R 777 Test

hdoop@Vilas:~$ cd Test/

hdoop@Vilas:~/Test$ sudo chmod +r \*.\*

hdoop@Vilas:~/Test$ export CLASSPATH="$HADOOP\_HOME/share/hadoop/mapreduce/hadoop-mapreduce-client-core-3.2.3.jar:$HADOOP\_HOME/share/hadoop/mapreduce/hadoop-mapreduce-client-common-3.2.3.jar:$HADOOP\_HOME/share/hadoop/common/hadoop-common-3.2.3.jar:~/Test/SalesCountry/\*:$HADOOP\_HOME/lib/\*"

hdoop@Vilas:~/Test$ javac -d . SalesMapper.java SalesCountryReducer.java SalesCountryDriver.java

hdoop@Vilas:~/Test$ sudo gedit Manifest.txt

(gedit:5691): Tepl-WARNING \*\*: 21:09:32.008: GVfs metadata is not supported. Fallback to TeplMetadataManager. Either GVfs is not correctly installed or GVfs metadata are not supported on this platform. In the latter case, you should configure Tepl with --disable-gvfs-metadata.

hdoop@Vilas:~/Test$ jar cfm Test1.jar Manifest.txt SalesCountry/\*.class

hdoop@Vilas:~/Test$ ls

access\_log\_short.csv hadoop-mapreduce-example-file.txt Manifest.txt SalesCountry SalesCountryDriver.java SalesCountryReducer.java SalesMapper.java Test1.jar

hdoop@Vilas:~/Test$ start-all.sh

WARNING: Attempting to start all Apache Hadoop daemons as hdoop in 10 seconds.

WARNING: This is not a recommended production deployment configuration.

WARNING: Use CTRL-C to abort.

Starting namenodes on [localhost]

localhost: namenode is running as process 3432. Stop it first and ensure /tmp/hadoop-hdoop-namenode.pid file is empty before retry.

Starting datanodes

localhost: datanode is running as process 3565. Stop it first and ensure /tmp/hadoop-hdoop-datanode.pid file is empty before retry.

Starting secondary namenodes [Vilas]

Vilas: secondarynamenode is running as process 3769. Stop it first and ensure /tmp/hadoop-hdoop-secondarynamenode.pid file is empty before retry.

2023-04-14 21:12:27,533 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

Starting resourcemanager

resourcemanager is running as process 4040. Stop it first and ensure /tmp/hadoop-hdoop-resourcemanager.pid file is empty before retry.

Starting nodemanagers

localhost: nodemanager is running as process 4183. Stop it first and ensure /tmp/hadoop-hdoop-nodemanager.pid file is empty before retry.

hdoop@Vilas:~/Test$ start-yarn.sh

Starting resourcemanager

resourcemanager is running as process 4040. Stop it first and ensure /tmp/hadoop-hdoop-resourcemanager.pid file is empty before retry.

Starting nodemanagers

localhost: nodemanager is running as process 4183. Stop it first and ensure /tmp/hadoop-hdoop-nodemanager.pid file is empty before retry.

hdoop@Vilas:~/Test$ jps

6726 Jps

4183 NodeManager

3432 NameNode

4040 ResourceManager

3769 SecondaryNameNode

3565 DataNode

hdoop@Vilas:~/Test$ ls

access\_log\_short.csv hadoop-mapreduce-example-file.txt Manifest.txt SalesCountry SalesCountryDriver.java SalesCountryReducer.java SalesMapper.java Test1.jar

hdoop@Vilas:~/Test$ sudo mkdir ~/input5

hdoop@Vilas:~/Test$ sudo cp access\_log\_short.csv ~/input5/

hdoop@Vilas:~/Test$ /home/hdoop/hadoop-3.2.3/bin/hdfs dfs -put ~/input5 /

2023-04-14 21:18:47,226 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

hdoop@Vilas:~/Test$ /home/hdoop/hadoop-3.2.3/bin/hadoop jar Test1.jar /input5 /output6

2023-04-14 21:20:57,393 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

2023-04-14 21:20:57,903 INFO client.RMProxy: Connecting to ResourceManager at /127.0.0.1:8032

2023-04-14 21:20:58,079 INFO client.RMProxy: Connecting to ResourceManager at /127.0.0.1:8032

2023-04-14 21:20:58,264 WARN mapreduce.JobResourceUploader: Hadoop command-line option parsing not performed. Implement the Tool interface and execute your application with ToolRunner to remedy this.

2023-04-14 21:20:58,288 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /tmp/hadoop-yarn/staging/hdoop/.staging/job\_1681483522115\_0001

2023-04-14 21:20:58,518 INFO mapred.FileInputFormat: Total input files to process : 1

2023-04-14 21:20:58,603 INFO mapreduce.JobSubmitter: number of splits:2

2023-04-14 21:20:58,834 INFO mapreduce.JobSubmitter: Submitting tokens for job: job\_1681483522115\_0001

2023-04-14 21:20:58,835 INFO mapreduce.JobSubmitter: Executing with tokens: []

2023-04-14 21:20:58,999 INFO conf.Configuration: resource-types.xml not found

2023-04-14 21:20:59,000 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.

2023-04-14 21:20:59,266 INFO impl.YarnClientImpl: Submitted application application\_1681483522115\_0001

2023-04-14 21:20:59,374 INFO mapreduce.Job: The url to track the job: http://Vilas:8088/proxy/application\_1681483522115\_0001/

2023-04-14 21:20:59,376 INFO mapreduce.Job: Running job: job\_1681483522115\_0001

2023-04-14 21:21:05,464 INFO mapreduce.Job: Job job\_1681483522115\_0001 running in uber mode : false

2023-04-14 21:21:05,465 INFO mapreduce.Job: map 0% reduce 0%

2023-04-14 21:21:10,556 INFO mapreduce.Job: map 100% reduce 0%

2023-04-14 21:21:15,614 INFO mapreduce.Job: map 100% reduce 100%

2023-04-14 21:21:15,637 INFO mapreduce.Job: Job job\_1681483522115\_0001 completed successfully

2023-04-14 21:21:15,737 INFO mapreduce.Job: Counters: 54

File System Counters

FILE: Number of bytes read=28065

FILE: Number of bytes written=764708

FILE: Number of read operations=0

FILE: Number of large read operations=0

FILE: Number of write operations=0

HDFS: Number of bytes read=156394

HDFS: Number of bytes written=4065

HDFS: Number of read operations=11

HDFS: Number of large read operations=0

HDFS: Number of write operations=2

HDFS: Number of bytes read erasure-coded=0

Job Counters

Launched map tasks=2

Launched reduce tasks=1

Data-local map tasks=2

Total time spent by all maps in occupied slots (ms)=6351

Total time spent by all reduces in occupied slots (ms)=2166

Total time spent by all map tasks (ms)=6351

Total time spent by all reduce tasks (ms)=2166

Total vcore-milliseconds taken by all map tasks=6351

Total vcore-milliseconds taken by all reduce tasks=2166

Total megabyte-milliseconds taken by all map tasks=6503424

Total megabyte-milliseconds taken by all reduce tasks=2217984

Map-Reduce Framework

Map input records=1294

Map output records=1294

Map output bytes=25471

Map output materialized bytes=28071

Input split bytes=202

Combine input records=0

Combine output records=0

Reduce input groups=227

Reduce shuffle bytes=28071

Reduce input records=1294

Reduce output records=227

Spilled Records=2588

Shuffled Maps =2

Failed Shuffles=0

Merged Map outputs=2

GC time elapsed (ms)=129

CPU time spent (ms)=1890

Physical memory (bytes) snapshot=730812416

Virtual memory (bytes) snapshot=8149741568

Total committed heap usage (bytes)=664797184

Peak Map Physical memory (bytes)=273022976

Peak Map Virtual memory (bytes)=2716930048

Peak Reduce Physical memory (bytes)=187277312

Peak Reduce Virtual memory (bytes)=2723434496

Shuffle Errors

BAD\_ID=0

CONNECTION=0

IO\_ERROR=0

WRONG\_LENGTH=0

WRONG\_MAP=0

WRONG\_REDUCE=0

File Input Format Counters

Bytes Read=156192

File Output Format Counters

Bytes Written=4065

hdoop@Vilas:~/Test$ /home/hdoop/hadoop-3.2.3/bin/hdfs dfs -cat /output6/part-00000

2023-04-14 21:22:57,187 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

10.1.1."236 7

10.1.181."142 14

10.1.232."31 5

10.10.55."142 14

10.102.101."66 1

10.103.184."104 1

10.103.190."81 53

10.103.63."29 1

10.104.73."51 1

10.105.160."183 1

10.108.91."151 1

10.109.21."76 1

10.11.131."40 1

10.111.71."20 8

10.112.227."184 6

10.114.74."30 1

10.115.118."78 1

10.117.224."230 1

10.117.76."22 12

10.118.19."97 1

10.118.250."30 7

10.119.117."132 23

10.119.33."245 1

10.119.74."120 1

10.12.113."198 2

10.12.219."30 1

10.120.165."113 1

10.120.207."127 4

10.123.124."47 1

10.123.35."235 1

10.124.148."99 1

10.124.155."234 1

10.126.161."13 7

10.127.162."239 1

10.128.11."75 10

10.13.42."232 1

10.130.195."163 8

10.130.70."80 1

10.131.163."73 1

10.131.209."116 5

10.132.19."125 2

10.133.222."184 12

10.134.110."196 13

10.134.242."87 1

10.136.84."60 5

10.14.2."86 8

10.14.4."151 2

10.140.139."116 1

10.140.141."1 9

10.140.67."116 1

10.141.221."57 5

10.142.203."173 7

10.143.126."177 32

10.144.147."8 1

10.15.208."56 1

10.15.23."44 13

10.150.212."239 14

10.150.227."16 1

10.150.24."40 13

10.152.195."138 8

10.153.23."63 2

10.153.239."5 25

10.155.95."124 9

10.156.152."9 1

10.157.176."158 1

10.164.130."155 1

10.164.49."105 8

10.164.95."122 10

10.165.106."173 14

10.167.1."145 19

10.169.158."88 1

10.170.178."53 1

10.171.104."4 1

10.172.169."53 18

10.174.246."84 3

10.175.149."65 1

10.175.204."125 15

10.177.216."164 6

10.179.107."170 2

10.181.38."207 13

10.181.87."221 1

10.185.152."140 1

10.186.56."126 16

10.186.56."183 1

10.187.129."140 6

10.187.177."220 1

10.187.212."83 1

10.187.28."68 1

10.19.226."186 2

10.190.174."142 10

10.190.41."42 5

10.191.172."11 1

10.193.116."91 1

10.194.174."4 7

10.198.138."192 1

10.199.103."248 2

10.199.189."15 1

10.2.202."135 1

10.200.184."212 1

10.200.237."222 1

10.200.9."128 2

10.203.194."139 10

10.205.72."238 2

10.206.108."96 2

10.206.175."236 1

10.206.73."206 7

10.207.190."45 17

10.208.38."46 1

10.208.49."216 4

10.209.18."39 9

10.209.54."187 3

10.211.47."159 10

10.212.122."173 1

10.213.181."38 7

10.214.35."48 1

10.215.222."114 1

10.216.113."172 48

10.216.134."214 1

10.216.227."195 16

10.217.151."145 10

10.217.32."16 1

10.218.16."176 8

10.22.108."103 4

10.220.112."1 34

10.221.40."89 5

10.221.62."23 13

10.222.246."34 1

10.223.157."186 10

10.225.137."152 1

10.225.234."46 1

10.226.130."133 1

10.229.60."23 1

10.230.191."135 6

10.231.55."231 1

10.234.15."156 1

10.236.231."63 1

10.238.230."235 1

10.239.100."52 1

10.239.52."68 4

10.24.150."4 5

10.24.67."131 13

10.240.144."183 15

10.240.170."50 1

10.241.107."75 1

10.241.9."187 1

10.243.51."109 5

10.244.166."195 5

10.245.208."15 20

10.246.151."162 3

10.247.111."104 9

10.247.175."65 1

10.247.229."13 1

10.248.24."219 1

10.248.36."117 3

10.249.130."132 3

10.25.132."238 2

10.25.44."247 6

10.250.166."232 1

10.27.134."23 1

10.30.164."32 1

10.30.47."170 8

10.31.225."14 7

10.32.138."48 11

10.32.247."175 4

10.32.55."216 12

10.33.181."9 8

10.34.233."107 1

10.36.200."176 1

10.39.45."70 2

10.39.94."109 4

10.4.59."153 1

10.4.79."47 15

10.41.170."233 9

10.41.40."17 1

10.42.208."60 1

10.43.81."13 1

10.46.190."95 10

10.48.81."158 5

10.5.132."217 1

10.5.148."29 1

10.50.226."223 9

10.50.41."216 3

10.52.161."126 1

10.53.58."58 1

10.54.242."54 10

10.54.49."229 1

10.56.48."40 16

10.59.42."194 11

10.6.238."124 6

10.61.147."24 1

10.61.161."218 1

10.61.23."77 8

10.61.232."147 3

10.62.78."165 2

10.63.233."249 7

10.64.224."191 13

10.66.208."82 2

10.69.20."85 26

10.70.105."238 1

10.70.238."46 6

10.72.137."86 6

10.72.208."27 1

10.73.134."9 4

10.73.238."200 1

10.73.60."200 1

10.73.64."91 1

10.74.218."123 1

10.75.116."199 1

10.76.143."30 1

10.76.68."178 16

10.78.95."24 8

10.80.10."131 10

10.80.215."116 17

10.81.134."180 1

10.82.30."199 63

10.82.64."235 1

10.84.236."242 1

10.87.209."46 1

10.87.88."214 1

10.88.204."177 1

10.89.178."62 1

10.89.244."42 1

10.94.196."42 1

10.95.136."211 4

10.95.232."88 1

10.98.156."141 1

10.99.228."224 1

hdoop@Vilas:~/Test$