

WORD COUNT PROGRAM OUTPUT SCREENSHOTS

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Activities Terminal Jun 27 15:50
hduser@bmce-Precision-T1700: ~
hduser@bmce-Precision-T1700:~$ hadoop hduser
Error: Could not find or load main class hduser
hduser@bmce-Precision-T1700:~$ hadoop
Usage: hadoop [-config confdir] COMMAND
where COMMAND is one of:
  fs                run a generic filesystem user client
  version           print the version
  jar <jar>         run a jar file
  checknative [-aj-h] check native hadoop and compression libraries availability
  distcp <srcurl> <dsturl> copy file or directories recursively
  archive <archiveName> NAME -p <parent path> <src> <dst> create a hadoop archive
  classpath         prints the class path needed to get the
  credential        interact with credential providers
  daemonlog         Hadoop jar and the required libraries
  trace            get/set the log level for each daemon
  or               view and modify Hadoop tracing settings
  CLASSNAME        run the class named CLASSNAME

Most commands print help when invoked w/o parameters.
This script is deprecated. Instead use start-dfs.sh and start-yarn.sh
Starting namenodes on [localhost]
hduser@localhost:~$ password:
localhost: starting namenode, logging to /usr/local/hadoop/logs/hadoop-hduser-namenode-bmce-Precision-T1700.out
hduser@localhost:~$ password:
localhost: starting datanode, logging to /usr/local/hadoop/logs/hadoop-hduser-datanode-bmce-Precision-T1700.out
Starting secondary namenodes [0.0.0.0]
hduser@0.0.0.0:~$ password:
0.0.0.0: starting secondarynamenode, logging to /usr/local/hadoop/logs/hadoop-hduser-secondarynamenode-bmce-Precision-T1700.out
starting yarn daemons
starting resourcemanager, logging to /usr/local/hadoop/logs/yarn-hduser-resourcemanager-bmce-Precision-T1700.out
hduser@localhost:~$ password:
localhost: starting nodemanager, logging to /usr/local/hadoop/logs/yarn-hduser-nodemanager-bmce-Precision-T1700.out
hduser@bmce-Precision-T1700:~$ jps
6176 ResourceManager
6817 SecondaryNameNode
5823 NameNode
6833 Jps
5805 DataNode
4382 org.eclipse.equinox.launcher_1.5.000.v20191014-2022.jar
6511 NodeManager
hduser@bmce-Precision-T1700:~$ hdfs dfs -mkdir /input_dir
hduser@bmce-Precision-T1700:~$ hdfs dfs -ls /
Found 36 items
drwxr-xr-x - hduser supergroup 0 2022-06-27 13:09 /akshatha
drwxr-xr-x - hduser supergroup 0 2022-06-06 12:21 /all
drwxr-xr-x - hduser supergroup 0 2022-06-06 14:50 /abc
drwxr-xr-x - hduser supergroup 0 2022-06-03 12:18 /abcd
drwxr-xr-x - hduser supergroup 0 2022-05-31 18:12 /another
-rw-r--r-- 1 hduser supergroup 888978 2022-06-22 14:41 /avtemp_outputdir
drwxr-xr-x - hduser supergroup 0 2022-06-22 14:52 /avgtempdir
drwxr-xr-x - hduser supergroup 0 2022-06-01 15:22 /dest
drwxr-xr-x - hduser supergroup 0 2022-06-22 15:52 /final_output
drwxr-xr-x - hduser supergroup 0 2022-06-22 15:27 /final_output1
drwxr-xr-x - hduser supergroup 0 2022-06-22 15:46 /final_output2
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hduser@bmce-Precision-T1700: ~
drwxr-xr-x - hduser supergroup 0 2022-06-25 18:46 /joel
drwxr-xr-x - hduser supergroup 0 2022-06-20 15:10 /kiran
drwxr-xr-x - hduser supergroup 0 2022-06-24 15:29 /lab
drwxr-xr-x - hduser supergroup 0 2022-06-27 12:13 /new
drwxr-xr-x - hduser supergroup 0 2019-10-24 19:58 /nidh
drwxr-xr-x - hduser supergroup 0 2022-06-23 10:15 /output
drwxr-xr-x - hduser supergroup 0 2022-06-27 12:52 /output_111
drwxr-xr-x - hduser supergroup 0 2022-06-25 18:30 /output_199
drwxr-xr-x - hduser supergroup 0 2022-06-20 15:18 /output_kiran
drwxr-xr-x - hduser supergroup 0 2022-06-15 14:47 /output_nitin
drwxr-xr-x - hduser supergroup 0 2022-06-15 14:48 /output_nitin1
drwxr-xr-x - hduser supergroup 0 2022-06-15 15:06 /output_nitin3
drwxr-xr-x - hduser supergroup 0 2022-06-15 15:18 /output_nitin4
drwxr-xr-x - hduser supergroup 0 2022-06-22 15:22 /outputnithin
drwxr-xr-x - hduser supergroup 0 2022-05-31 09:45 /pooja
-rw-r--r-- 1 hduser supergroup 12 2022-05-31 19:25 /poojah
drwxr-xr-x - hduser supergroup 0 2022-06-15 14:00 /rqs
drwxr-xr-x - hduser supergroup 0 2022-06-01 18:09 /temp
drwxr-xr-x - hduser supergroup 0 2019-08-01 18:19 /tmp
drwxr-xr-x - hduser supergroup 0 2022-06-01 09:46 /tushar
drwxr-xr-x - hduser supergroup 0 2022-06-20 12:28 /user
hduser@bmce-Precision-T1700:~$ hdfs dfs -ls /input_dir
Error: Could not find or load main class sfs
hduser@bmce-Precision-T1700:~$ hdfs dfs -ls /input_dir
hduser@bmce-Precision-T1700:~$ hdfs dfs -copyFromLocal C:\input.txt /input_dir
copyFromLocal: Can not create a Path from a null string
Usage: hadoop fs [generic options] -copyFromLocal [-r] [-p] [-l] <localsrc> ... <dst>
hduser@bmce-Precision-T1700:~$ hdfs dfs -copyFromLocal /home/hduser/Downloads/local.txt /input_dir
hduser@bmce-Precision-T1700:~$ hdfs dfs -ls /input_dir
Found 1 items
-rw-r--r-- 1 hduser supergroup 9 2022-06-27 14:54 /input_dir/local.txt
hduser@bmce-Precision-T1700:~$ hdfs dfs -cat /input_dir/input.txt
cat: /input_dir/input.txt: No such file or directory
hduser@bmce-Precision-T1700:~$ hdfs dfs -cat /input_dir/local.txt
Hi Hello
hduser@bmce-Precision-T1700:~$ hadoop jar /hduser/Desktop/Karthik.jar TopN /input_dir/local.txt /output_karthik
Not a valid JAR: /hduser/Desktop/Karthik.jar
hduser@bmce-Precision-T1700:~$ hadoop jar /home/hduser/Desktop/Karthik.jar TopN /input_dir/local.txt /output_karthik
Not a valid JAR: /home/hduser/home/hduser/Desktop/Karthik.jar
hduser@bmce-Precision-T1700:~$ hadoop jar /home/hduser/Desktop/Karthik.jar TopN /input_dir/local.txt /output_karthik
Exception in thread "main" java.lang.ClassNotFoundException: TopN
at java.net.URLClassLoader.findClass(URLClassLoader.java:392)
at java.lang.ClassLoader.loadClass(ClassLoader.java:424)
at java.lang.ClassLoader.loadClass(ClassLoader.java:357)
at java.lang.Class.forName0(Native Method)
at java.lang.Class.forName(Class.java:348)
at org.apache.hadoop.util.RunJar.run(RunJar.java:214)
at org.apache.hadoop.util.RunJar.main(RunJar.java:136)
hduser@bmce-Precision-T1700:~$ hadoop jar /home/hduser/Desktop/Karthik.jar Karthik TopN /input_dir/local.txt /output_karthik
22/06/27 15:05:49 INFO Configuration.deprecation: session.id is deprecated. Instead, use dfs.metrics.session.id
22/06/27 15:05:49 INFO JVMetrics: Initializing JVM Metrics with processName=JobTracker, sessionId=
22/06/27 15:05:49 INFO InputFileInputFormat: Total input paths to process : 1
22/06/27 15:05:49 INFO mapreduce.JobSubmitter: number of splits:1
22/06/27 15:05:49 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_local91709511_0901
22/06/27 15:05:49 INFO mapreduce.Job: The url to track the job: http://localhost:8080/
22/06/27 15:05:49 INFO mapreduce.Job: Running job: job_local91709511_0001
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Activities Terminal Jun 27 15:50 hduser@bmsce-Precision-T1700:~$  
22/06/27 15:05:50 INFO mapreduce.Job: Job job_local91709511_0001 running in uber mode : false  
22/06/27 15:05:50 INFO mapreduce.Job: map 100% reduce 100%  
22/06/27 15:05:50 INFO mapreduce.Job: Job job_local91709511_0001 completed successfully  
22/06/27 15:05:50 INFO mapreduce.Job: Counters: 38  
File System Counters  
  FILE: Number of bytes read=25378  
  FILE: Number of bytes written=321101  
  FILE: Number of read operations=0  
  FILE: Number of large read operations=0  
  FILE: Number of write operations=0  
  HDFS: Number of bytes read=18  
  HDFS: Number of bytes written=13  
  HDFS: Number of read operations=13  
  HDFS: Number of large read operations=0  
  HDFS: Number of write operations=4  
Map-Reduce Framework  
  Map input records=1  
  Map output records=2  
  Map output bytes=17  
  Map output materialized bytes=27  
  Input split bytes=107  
  Combine input records=0  
  Combine output records=0  
  Reduce input groups=2  
  Reduce shuffle bytes=27  
  Reduce input records=2  
  Reduce output records=2  
  Spilled Records=4  
  Shuffled Maps=1  
  Failed Shuffles=0  
  Merged Map outputs=1  
  GC time elapsed (ms)=41  
  CPU time spent (ms)=0  
  Physical memory (bytes) snapshot=0  
  Virtual memory (bytes) snapshot=0  
  Total committed heap usage (bytes)=571908288  
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=9  
File Output Format Counters  
  Bytes Written=13  
hduser@bmsce-Precision-T1700:~$ hadoop fs -ls /  
Found 37 items  
drwxr-xr-x - hduser supergroup 0 2022-06-27 13:09 /Akshatha  
drwxr-xr-x - hduser supergroup 0 2022-06-06 12:21 /LLL  
drwxr-xr-x - hduser supergroup 0 2022-06-06 14:50 /abc  
drwxr-xr-x - hduser supergroup 0 2022-06-03 12:18 /abcd  
drwxr-xr-x - hduser supergroup 0 2022-05-31 19:12 /another  
-rw-r--r-- 1 hduser supergroup 888978 2022-06-22 14:41 /avgtemp_outputdir  
drwxr-xr-x - hduser supergroup 0 2022-06-22 14:52 /avgtempdir
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1  
awesome 1  
hadoop 2  
hi 1  
i 1  
im 1  
is 1
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