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mallred3@cluster-cs4225-m: ~ — Mozilla Firefox
https://ssh.cloud.google.com/projects/lexical-passkey-341319/zones/us-central1-f/instances/cluster-...

ding: KmerCount$TokenizerMapper.class(in = 2674) (out= 1251)(deflated 53%)
ding: KmerCount.class(in = 2831) (out= 1470)(deflated 48%)
ding: CustomInputFormat.class(in = 1151) (out= 468)(deflated 59%)
ding: CustomRecordReader.class(in = 3050) (out= 1437)(deflated 52%)
dir: 'input': File exists
rm: 'output/_SUCCESS': No such file or directory
rm: 'output/part-r-00000': No such file or directory
Usage: KmerCount <input> <output> <k-value>
rm: 'output/': No such file or directory
mallred3@cluster-cs4225-m:~$ vi hdfsScript_MaxAllred.sh
mallred3@cluster-cs4225-m:~$ ./hdfsScript_MaxAllred.sh
sr/lib/hadoop/libexec//hadoop-functions.sh: line 2365: HADOOP_COM.SUN.TOOLS.JAVAC.MAIN_USER: invalid variable name
sr/lib/hadoop/libexec//hadoop-functions.sh: line 2460: HADOOP_COM.SUN.TOOLS.JAVAC.MAIN_OPTS: invalid variable name

ded manifest
ding: KmerCount$IntSumReducer.class(in = 1739) (out= 740)(deflated 57%)
ding: KmerCount$TokenizerMapper.class(in = 2674) (out= 1251)(deflated 53%)
ding: KmerCount.class(in = 2831) (out= 1470)(deflated 48%)
ding: CustomInputFormat.class(in = 1151) (out= 468)(deflated 59%)
ding: CustomRecordReader.class(in = 3050) (out= 1437)(deflated 52%)
dir: 'input': File exists
rm: 'input/chr1.fa': File exists
rm: 'output/_SUCCESS': No such file or directory
rm: 'output/part-r-00000': No such file or directory
22-04-19 22:12:06,204 INFO client.RMPProxy: Connecting to ResourceManager at cluster-cs4225-m/10.128.0.7:8032
22-04-19 22:12:06,395 INFO client.AHSPProxy: Connecting to Application History server at cluster-cs4225-m/10.128.0.7:10200
22-04-19 22:12:06,635 INFO mapreduce.JobResourceUploader: Disabling Erasure Coding for path: /tmp/hadoop-yarn/staging/mallred3/.staging/job_1650400774652_0001
22-04-19 22:12:06,982 INFO input.FileInputFormat: Total input files to process : 1
22-04-19 22:12:07,061 INFO mapreduce.JobSubmitter: number of splits:1
22-04-19 22:12:07,331 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1650400774652_0001
22-04-19 22:12:07,333 INFO mapreduce.JobSubmitter: Executing with tokens: []
22-04-19 22:12:07,552 INFO conf.Configuration: resource-types.xml not found
22-04-19 22:12:07,552 INFO resource.ResourceUtils: Unable to find 'resource-types.xml'.
22-04-19 22:12:07,960 INFO impl.YarnClientImpl: Submitted application application_1650400774652_0001
22-04-19 22:12:08,030 INFO mapreduce.Job: The url to track the job: http://cluster-cs4225-m:8088/proxy/application_1650400774652_0001/
22-04-19 22:12:08,031 INFO mapreduce.Job: Running job: job_1650400774652_0001
22-04-19 22:12:22,190 INFO mapreduce.Job: Job job_1650400774652_0001 running in uber mode : false
22-04-19 22:12:22,191 INFO mapreduce.Job: map 0% reduce 0%
```

Running

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https://ssh.cloud.google.com/projects/lexical-passkey-341319/zones/us-central1-f/instances/cluster-...

Total vcore-milliseconds taken by all map tasks=2158882
Total vcore-milliseconds taken by all reduce tasks=26864
Total megabyte-milliseconds taken by all map tasks=6632085504
Total megabyte-milliseconds taken by all reduce tasks=82526208
Map-Reduce Framework
  Map input records=1
  Map output records=230481015
  Map output bytes=1382886090
  Map output materialized bytes=66
  Input split bytes=116
  Combine input records=230481113
  Combine output records=104
  Reduce input groups=6
  Reduce shuffle bytes=66
  Reduce input records=6
  Reduce output records=6
  Spilled Records=174
  Shuffled Maps =3
  Failed Shuffles=0
  Merged Map outputs=3
  GC time elapsed (ms)=16801
  CPU time spent (ms)=2083340
  Physical memory (bytes) snapshot=2440843264
  Virtual memory (bytes) snapshot=17443573760
  Total committed heap usage (bytes)=1370488832
  Peak Map Physical memory (bytes)=1651785728
  Peak Map Virtual memory (bytes)=4379848704
  Peak Reduce Physical memory (bytes)=276799488
  Peak Reduce Virtual memory (bytes)=4358692864
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=253935557
File Output Format Counters
  Bytes Written=52
Done!
```

Done

I didnt have time to run everything sadly since it a long time for each