2017-01-27 Spark 學習筆記

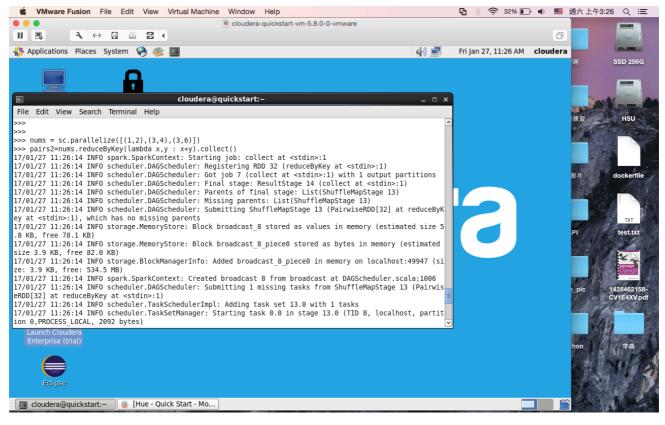
建立PairRDD

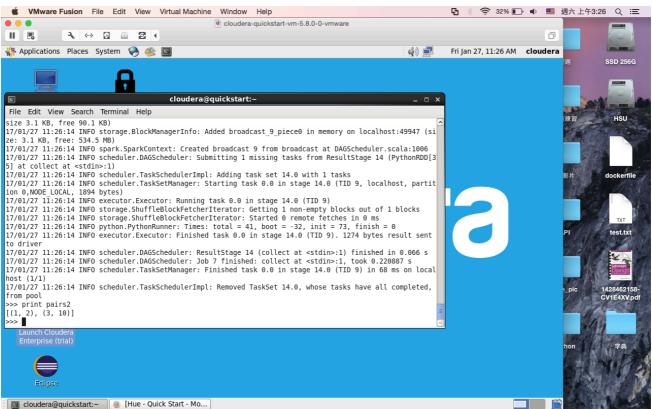
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```
cloudera@quickstart:~
File Edit View Search Terminal Help
AttributeError: 'SparkContext' object has no attribute 'pararellize'
>>>
>>>
>>>
>>> lines=sc.parallelize(["hello world","hi"])
>>> pairs=lines.map(lambda x :(x.split(" ")[0],x)).collect()
17/01/27 11:09:10 INFO spark.SparkContext: Starting job: collect at <stdin>:1
17/01/27 11:09:10 INFO scheduler.DAGScheduler: Got job 0 (collect at <stdin>:1)
with 1 output partitions
17/01/27 11:09:10 INFO scheduler.DAGScheduler: Final stage: ResultStage 0 (colle
ct at <stdin>:1)
17/01/27 11:09:10 INFO scheduler.DAGScheduler: Parents of final stage: List()
17/01/27 11:09:10 INFO scheduler.DAGScheduler: Missing parents: List()
17/01/27 11:09:10 INFO scheduler.DAGScheduler: Submitting ResultStage 0 (PythonR
DD[1] at collect at <stdin>:1), which has no missing parents
17/01/27 11:09:11 INFO storage.MemoryStore: Block broadcast_0 stored as values i
n memory (estimated size 3.3 KB, free 3.3 KB)
17/01/27 11:09:11 INFO storage.MemoryStore: Block broadcast 0 piece0 stored as b
ytes in memory (estimated size 2.2 KB, free 5.4 KB)
17/01/27 11:09:11 INFO storage.BlockManagerInfo: Added broadcast_0_piece0 in mem
ory on localhost:49947 (size: 2.2 KB, free: 534.5 MB)
17/01/27 11:09:11 INFO spark.SparkContext: Created broadcast 0 from broadcast at
DAGScheduler.scala:1006
>>> for x in pairs:
       pirnt x
  File "<stdin>", line 2
     pirnt x
SyntaxError: invalid syntax
>>> for item in pairs:
          print item
('hello', 'hello world')
('hi', 'hi')
```

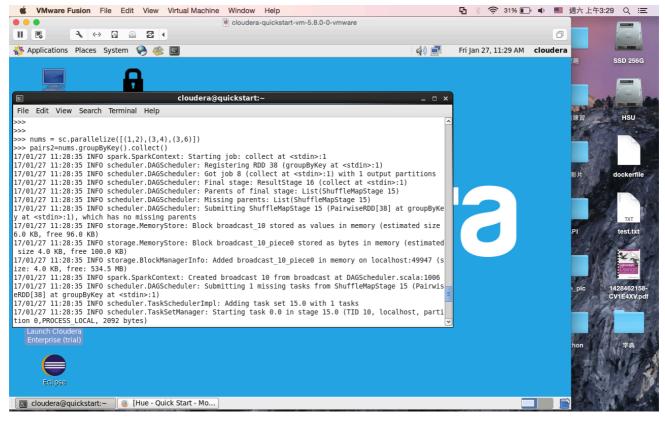
reduceByKey

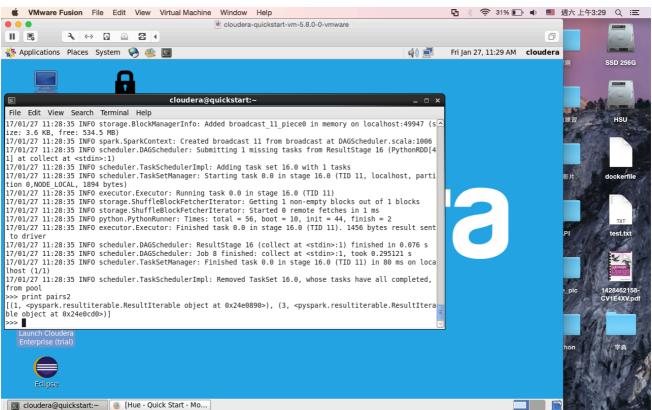
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groupByKey





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mapValues

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