IT5427
Tích hợp và xử lý dữ liệu lớn

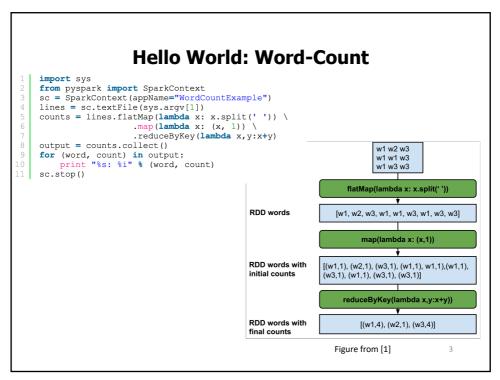
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1

Spark running mode

- Local
- Clustered
 - Spark Standalone
 - Spark on Apache Mesos
 - Spark on Hadoop YARN

2



3

Run using command line

- Turn on docker bash
- spark-submit wordcount.py README.md
- Result will be shown as follows

```
19/05/19 07:56:51 INFO scheduler.TaskSchedulerImpl: Remover pool pool 19/05/19 07:56:51 INFO scheduler.DAGScheduler: ResultStage ) finished in 0.150 s 19/05/19 07:56:51 INFO scheduler.DAGScheduler: Job 0 finish 0, took 2.050066 s 10.00 finish 10.00 fin
```

4

Lab: Word-Count

- Lab on the Zeppelin notebook
- Github source code
 - https://github.com/bk-blockchain/big-data-class

5

5

Flight data:

- Analyzing flight data from the United States Bureau of Transportation statistics
- Lab on the Zeppelin notebook
- Github source code
 - https://github.com/bk-blockchain/big-data-class

6

References

• [1] https://datamize.wordpress.com/2015/02/08/vi sualizing-basic-rdd-operations-throughwordcount-in-pyspark/

7