## LINKS

Lecture: <a href="https://umkc.app.box.com/s/1rrlhhoyqeeslurdpm37yxm8z62y3kg8">https://umkc.app.box.com/s/1rrlhhoyqeeslurdpm37yxm8z62y3kg8</a> Sample

Data: https://umkc.app.box.com/s/r4jtmjnoip7q0q8tzyqb2naa78u50t3c

## TASKS:

- 1. Counting the frequency of words in the given input with MapReduce algorithm
  - a. Create Java WordCount class
  - b. Add external libraries JARS
  - c. Export the Jar
  - d. Input data file in hdfs
  - e. Run MapReduce Job

hadoop jar /home/cloudera/WordCount.jar WordCount /user/cloudera/icp2/sample.txt /user/cloudera/icp2/WordCount.txt

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File Edit View Search Reminal Help
[Clouderapiduckstart 1872]is Jaskop jar /home/cloudera/Barofcount.jar WorkGount /nory/cloudera/Lop2/smple.txt /user/cloudera/Lop2/mardcount3.txt
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2006/10 171:06:06 MPO input [File]putPromat: Tetal input paths to process: 1

January 171:06:06 MPO input [File]putPromat: Tetal input paths to process: 1

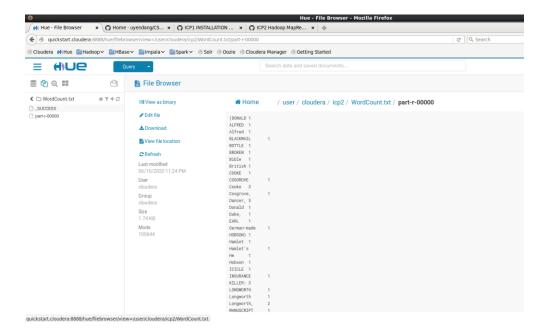
January 171:06:06 MPO input [File]putPromat: Tetal input paths to process: 1

January 171:06:06 MPO input [File]putPromat: Tetal input paths to process: 1

January 171:06:06 MPO input [File]putPromat: Tetal input paths to process: 1

January 171:06:06 MPO input [Most paths of the process of the process
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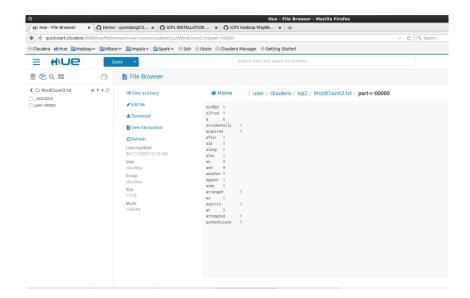
Map-Reduce Job



Result

- 2. Counting the frequency of words in given text file that starts with letter 'a'
  - a. Add AWordCount function
  - b. Export the Jar
  - c. Input data file in hdfs
  - d. Run MapReduce Job

hadoop jar /home/cloudera/AWordCount.jar WordCount /user/cloudera/icp2/sample.txt /user/cloudera/icp2/WordCount3.txt



Result

REFERENCES: <a href="https://umkc.app.box.com/s/xk4jj0do3p7fa3swx6utcuazx3wny8j8">https://umkc.app.box.com/s/xk4jj0do3p7fa3swx6utcuazx3wny8j8</a>