Labs Hadoop

Solution

Lab 1: Importing RDBMS Data into HDFS

Result: You have imported the data from MySQL to HDFS using the entire table, specific columns, and also using the result of a query.

Lab 2: Exporting HDFS Data to an RDBMS

Result: You have now used Sqoop to export data from HDFS into a database table in MySQL.

Lab 3: Understanding MapReduce

Result:

 # hadoop fs -ls wordcount_output

Found 2 items

Lab 4: Running a MapReduce

Result: You have now executed a Java MapReduce job from the command line that takes an input text file and outputs the inverted indexes of the lines of text. This common task is what Web search engines like Google and Yahoo! use to determine the pages associated with search terms

Lab 5 Understanding and Getting Started with Pig

Result: You have now seen how to execute some basic Pig commands, load data into a relation, and store a relation into a folder in HDFS using different formats.

Lab 6 Exploring Data with Pig

Result : You have written several Pig scripts to analyze and query the data in the White House visitors' log. You should now be comfortable with writing Pig scripts with the Grunt shell and using common Pig commands like LOAD,GROUP, FOREACH,FILTER,LIMIT,DUMP, and STORE