

Use Sqoop tool to export data present in SGOOPOUT folder made while demo of Import table

Empty Table:

Using: Employee2

```
mysql> select * from employee2;
Empty set (0.00 sec)

mysql> desc employee2;
+-----+-----+-----+-----+-----+-----+
| Field | Type      | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| id     | int(11)   | NO   |     | NULL    |       |
| lname  | varchar(20) | YES  |     | NULL    |       |
| fname  | varchar(20) | YES  |     | NULL    |       |
| area   | varchar(20) | YES  |     | NULL    |       |
| city   | varchar(20) | YES  |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql>
```

Cat of HDFS file: (data to import into mysql)

```
18/11/06 06:00:04 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 5 items
-rw-r--r-- 1 acadgild supergroup 0 2018-11-06 05:53 /sqoopout/_SUCCESS
-rw-r--r-- 1 acadgild supergroup 136 2018-11-06 05:53 /sqoopout/part-m-00000
-rw-r--r-- 1 acadgild supergroup 0 2018-11-06 05:53 /sqoopout/part-m-00001
-rw-r--r-- 1 acadgild supergroup 0 2018-11-06 05:53 /sqoopout/part-m-00002
-rw-r--r-- 1 acadgild supergroup 11 2018-11-06 05:53 /sqoopout/part-m-00003
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ hadoop dfs -cat /sqoopout/part-m-00000
DEPRECATED: Use of this script to execute hdfs command is deprecated.
Instead use the hdfs command for it.

18/11/06 06:01:00 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Patna,Bihar,Ram,1,Shyam
Whitefield,Bangalore,Priya,2,Tanya
New York,United States,Brown,3,James
Los Angeles,United States,Miller,4,Jhon
[acadgild@localhost ~]$
```

Export Command:

```
[acadgild@localhost ~]$ sqoop export -m 1 --connect jdbc:mysql://localhost/simplidb --username root --password password --table employee2 --export-dir /sqoopout/
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/./hcatalog does not exist! HCatalog jobs will fail.
Please set $HCAT_HOME to the root of your HCatalog installation.
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/./accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
18/11/06 06:07:57 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
18/11/06 06:07:57 WARN tool.BaseSqoopTool: Setting your password on the command-line is insecure. Consider using -P instead.
18/11/06 06:07:57 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
18/11/06 06:07:57 INFO tool.CodeGenTool: Beginning code generation
Tue Nov 06 06:07:58 IST 2018 WARN: Establishing SSL connection without server's identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ and 5.7.6+ requirements SSL connection
must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to expli
cally disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.
18/11/06 06:07:59 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM 'employee2' AS t LIMIT 1
18/11/06 06:07:59 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /home/acadgild/install/hadoop/hadoop-2.6.5
Note: /tmp/sqoop-acadgild/compile/87fe712e9292d4bc6e8f83d93d1815c/employee2.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
18/11/06 06:08:03 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-acadgild/compile/87fe712e9292d4bc6e8f83d93d1815c/employee2.jar
18/11/06 06:08:03 INFO mapred.ExportJobBase: Beginning export of employee2
SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/home/acadgild/install/hadoop/hadoop-2.6.5/share/hadoop/common/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/home/acadgild/install/hbase/hbase-1.2.6/lib/slf4j-log4j12-1.7.5.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
SLF4J: Actual binding is of type [org.slf4j.impl.Log4jLoggerFactory]
18/11/06 06:08:03 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
18/11/06 06:08:03 INFO Configuration.deprecation: mapred.jar is deprecated. Instead, use mapreduce.job.jar
18/11/06 06:08:03 INFO Configuration.deprecation: mapred.reduce.tasks.speculative.execution is deprecated. Instead, use mapreduce.reduce.speculative
18/11/06 06:08:03 INFO Configuration.deprecation: mapred.map.tasks.speculative.execution is deprecated. Instead, use mapreduce.map.speculative
18/11/06 06:08:03 INFO Configuration.deprecation: mapred.job.tracker is deprecated. Instead, use mapreduce.jobtracker.address
18/11/06 06:08:03 INFO Configuration.deprecation: session.id is deprecated. Instead, use dfs.metrics.session-id
18/11/06 06:08:03 INFO jvm.JvmMetrics: Initializing JVM Metrics with processName=JobTracker, sessionId=
18/11/06 06:08:06 INFO input.FileInputFormat: Total input paths to process : 4
18/11/06 06:08:06 INFO input.FileInputFormat: Total input paths to process : 4
18/11/06 06:08:06 INFO mapreduce.JobSubmitter: number of splits:2
18/11/06 06:08:06 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_local1225430722_0001
18/11/06 06:08:07 INFO mapred.LocalDistributedCacheManager: Creating symlink: /home/acadgild/install/hadoop/data/tmp/mapred/local/1541464686685/mysql-connector-java-5.1.44.jar <- /home/acadgild/mys
ql-connector-java-5.1.44.jar
18/11/06 06:08:07 INFO mapred.LocalDistributedCacheManager: Localized file:/home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/lib/mysql-connector-java-5.1.44.jar as file:/home/acadgild
18/11/06 06:08:07 INFO mapred.LocalDistributedCacheManager: Localized file:/home/acadgild/install/hadoop/data/tmp/mapred/local/1541464686685/mysql-connector-java-5.1.44.jar as file:/home/acadgild
18/11/06 06:08:08 INFO mapred.LocalDistributedCacheManager: Creating symlink: /home/acadgild/install/hadoop/data/tmp/mapred/local/1541464686686/commons-io-1.4.jar <- /home/acadgild/commons-io-1.4.j
ar
18/11/06 06:08:08 INFO mapred.LocalDistributedCacheManager: Localized file:/home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/lib/commons-io-1.4.jar as file:/home/acadgild/install/had
```

...

```

must be established by default if explicit option isn't set. For compliance with existing applications not using SSL the verifyServerCertificate property is set to 'false'. You need either to explicitly
disable SSL by setting useSSL=false, or set useSSL=true and provide truststore for server certificate verification.
18/11/06 06:08:09 WARN mapreduce.ExportJobBase: IOException checking input file header: java.io.EOFException
18/11/06 06:08:09 INFO mapreduce.AutoProgressMapper: Auto-progress thread is finished. keepGoing=false
18/11/06 06:08:09 INFO mapred.LocalJobRunner:
18/11/06 06:08:09 INFO mapred.Task: Task:attempt_local1225430722_0001_m_000001_0 is done. And is in the process of committing
18/11/06 06:08:09 INFO mapred.LocalJobRunner: map
18/11/06 06:08:09 INFO mapred.Task: Task:attempt_local1225430722_0001_m_000001_0' done.
18/11/06 06:08:09 INFO mapred.LocalJobRunner: Finishing task: attempt_local1225430722_0001_m_000001_0
18/11/06 06:08:09 INFO mapred.LocalJobRunner: map task executor complete.
18/11/06 06:08:09 INFO mapreduce.Job: Job job_local1225430722_0001 running in uber mode : false
18/11/06 06:08:09 INFO mapreduce.Job: map 100% reduce 0%
18/11/06 06:08:09 INFO mapreduce.Job: Job job_local1225430722_0001 completed successfully
18/11/06 06:08:09 INFO mapreduce.Job: Counters: 23
  File System Counters
    FILE: Number of bytes read=36122077
    FILE: Number of bytes written=37012562
    FILE: Number of read operations=0
    FILE: Number of large read operations=0
    FILE: Number of write operations=0
    HDFS: Number of bytes read=312
    HDFS: Number of bytes written=0
    HDFS: Number of read operations=52
    HDFS: Number of large read operations=0
    HDFS: Number of write operations=0
  Map-Reduce Framework
    Map input records=5
    Map output records=5
    Input split bytes=368
    Spilled Records=0
    Failed Shuffles=0
    Merged Map outputs=0
    GC time elapsed (ms)=0
    CPU time spent (ms)=0
    Physical memory (bytes) snapshot=0
    Virtual memory (bytes) snapshot=0
    Total committed heap usage (bytes)=255590400
  File Input Format Counters
    Bytes Read=0
  File Output Format Counters
    Bytes Written=0
18/11/06 06:08:10 INFO mapreduce.ExportJobBase: Transferred 312 bytes in 4.5255 seconds (68.9434 bytes/sec)
18/11/06 06:08:10 INFO mapreduce.ExportJobBase: Exported 5 records.
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$

```

Successful Query from employee2 table:

```

mysql> select * from employee2;
+----+-----+-----+-----+-----+
| id | lname | fname | area   | city   |
+----+-----+-----+-----+-----+
| 1  | Shyam | Ram   | Patna  | Bihar  |
| 2  | Tanya | Priya | Whitefiled | Bangalore |
| 3  | James | Brown | New York | United States |
| 4  | Jhon  | Miller | Los Angeles | United States |
| 99 | a     | b     | c       | d       |
+----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql>

```