Sqoop Assignment

Task 1

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

Before exporting data to hdfs using Sqoop, I have inserted data into Person table as below

I have exported data to hdfs dir /Sqoop1 as below

Sqoop Assignment

acadgild@192:~

File Edit View Search Terminal Help

```
18/06/06 00:26:21 INFO mapreduce.Job:  map 50% reduce 0%
18/06/06 00:26:22 INFO mapreduce.Job:  map 100% reduce 0%
18/06/06 00:26:22 INFO mapreduce.Job: Job job_1528221645710_0003 completed successfully
18/06/06 00:26:23 INFO mapreduce.Job: Counters: 30
        File System Counters
                FILE: Number of bytes read=0
                FILE: Number of bytes written=254406
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=225
                HDFS: Number of bytes written=141
                HDFS: Number of read operations=8
                HDFS: Number of large read operations=0
                HDFS: Number of write operations=4
        Job Counters
                Launched map tasks=2
                Other local map tasks=2
                Total time spent by all maps in occupied slots (ms)=18452
                Total time spent by all reduces in occupied slots (ms)=0
                Total time spent by all map tasks (ms)=18452
                Total vcore-milliseconds taken by all map tasks=18452
                Total megabyte-milliseconds taken by all map tasks=18894848
        Map-Reduce Framework
                Map input records=4
                Map output records=4
                Input split bytes=225
                Spilled Records=0
                Failed Shuffles=0
                Merged Map outputs=0
                GC time elapsed (ms)=499
                CPU time spent (ms)=2780
                Physical memory (bytes) snapshot=245317632
                Virtual memory (bytes) snapshot=4135526400
                Total committed heap usage (bytes)=138149888
        File Input Format Counters
                Bytes Read=0
        File Output Format Counters
                Bytes Written=141
18/06/06 00:26:23 INFO mapreduce.ImportJobBase: Transferred 141 bytes in 25.5998 seconds (5.5079 bytes/sec)
18/06/06 00:26:23 INFO mapreduce.ImportJobBase: Retrieved 4 records.
[acadgild@192 ~]$ hadoop fs -ls /Sqoop1
18/06/06 00:26:36 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 3 items
-rw-r--r--   1 acadgild supergroup          0 2018-06-06 00:26 /Sqoop1/_SUCCESS
-rw-r--r--   1 acadgild supergroup         62 2018-06-06 00:26 /Sqoop1/part-m-00000
-rw-r--r--   1 acadgild supergroup         79 2018-06-06 00:26 /Sqoop1/part-m-00001
[acadgild@192 ~]$ hadoop fs -cat /Sqoop1/part-m-00000
18/06/06 00:26:41 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
^[[A^[[A1,Abhishek,Ram,Patna,Bihar
2,Tanya,Priya,Whitefiled,Bangalore
[acadgild@192 ~]$ hadoop fs -cat /Sqoop1/part-m-00001
18/06/06 00:26:49 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
3,James,Brown,New York,United States
4,Jhon,Miller, Los Angeles ,United States
```

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Exported back from HDFS Dir /Sqoop1 to SqoopExport database where Person is a table in it.

acadgild@192:~

File Edit View Search Terminal Help

```
[acadgild@192 ~]$ sqoop export --connect jdbc:mysql://localhost/SqoopExport --table Person --username root -P -export-dir /Sqoop1
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.
18/06/06 00:31:06 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
Enter password:
18/06/06 00:31:11 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
18/06/06 00:31:11 INFO tool.CodeGenTool: Beginning code generation
Wed Jun 06 00:31:11 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 es
tablished 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.
18/06/06 00:31:12 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Person` AS t LIMIT 1
18/06/06 00:31:12 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Person` AS t LIMIT 1
18/06/06 00:31:12 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /home/acadgild/install/hadoop/hadoop-2.6.5
Note: /tmp/sqoop-acadgild/compile/40278adc73cd6d8b4bbe1715ec465d38/Person.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
18/06/06 00:31:14 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-acadgild/compile/40278adc73cd6d8b4bbe1715ec465d38/Person.jar
18/06/06 00:31:14 INFO mapreduce.ExportJobBase: Beginning export of Person
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]
18/06/06 00:31:14 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
18/06/06 00:31:14 INFO Configuration.deprecation: mapred.jar is deprecated. Instead, use mapreduce.job.jar
18/06/06 00:31:15 INFO Configuration.deprecation: mapred.reduce.tasks.speculative.execution is deprecated. Instead, use mapreduce.reduce.speculative
18/06/06 00:31:15 INFO Configuration.deprecation: mapred.map.tasks.speculative.execution is deprecated. Instead, use mapreduce.map.speculative
18/06/06 00:31:15 INFO Configuration.deprecation: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps
18/06/06 00:31:15 INFO client.RMProxy: Connecting to ResourceManager at localhost/127.0.0.1:8032
18/06/06 00:31:18 INFO input.FileInputFormat: Total input paths to process : 2
18/06/06 00:31:18 INFO input.FileInputFormat: Total input paths to process : 2
18/06/06 00:31:19 INFO mapreduce.JobSubmitter: number of splits:3
18/06/06 00:31:19 INFO Configuration.deprecation: mapred.map.tasks.speculative.execution is deprecated. Instead, use mapreduce.map.speculative
18/06/06 00:31:19 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1528221645710_0004
18/06/06 00:31:20 INFO impl.YarnClientImpl: Submitted application application_1528221645710_0004
18/06/06 00:31:20 INFO mapreduce.Job: The url to track the job: http://192.168.79.128:8088/proxy/application_1528221645710_0004/
18/06/06 00:31:20 INFO mapreduce.Job: Running job: job_1528221645710_0004
18/06/06 00:31:35 INFO mapreduce.Job: Job job_1528221645710_0004 running in uber mode : false
18/06/06 00:31:35 INFO mapreduce.Job:  map 0% reduce 0%
18/06/06 00:32:08 INFO mapreduce.Job:  map 33% reduce 0%
18/06/06 00:32:10 INFO mapreduce.Job:  map 100% reduce 0%
18/06/06 00:32:12 INFO mapreduce.Job: Job job_1528221645710_0004 completed successfully
18/06/06 00:32:13 INFO mapreduce.Job: Counters: 30
        File System Counters
                FILE: Number of bytes read=0
                FILE: Number of bytes written=380640
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=735
                HDFS: Number of bytes written=0
                HDFS: Number of read operations=18
                HDFS: Number of large read operations=0
                HDFS: Number of write operations=0
```
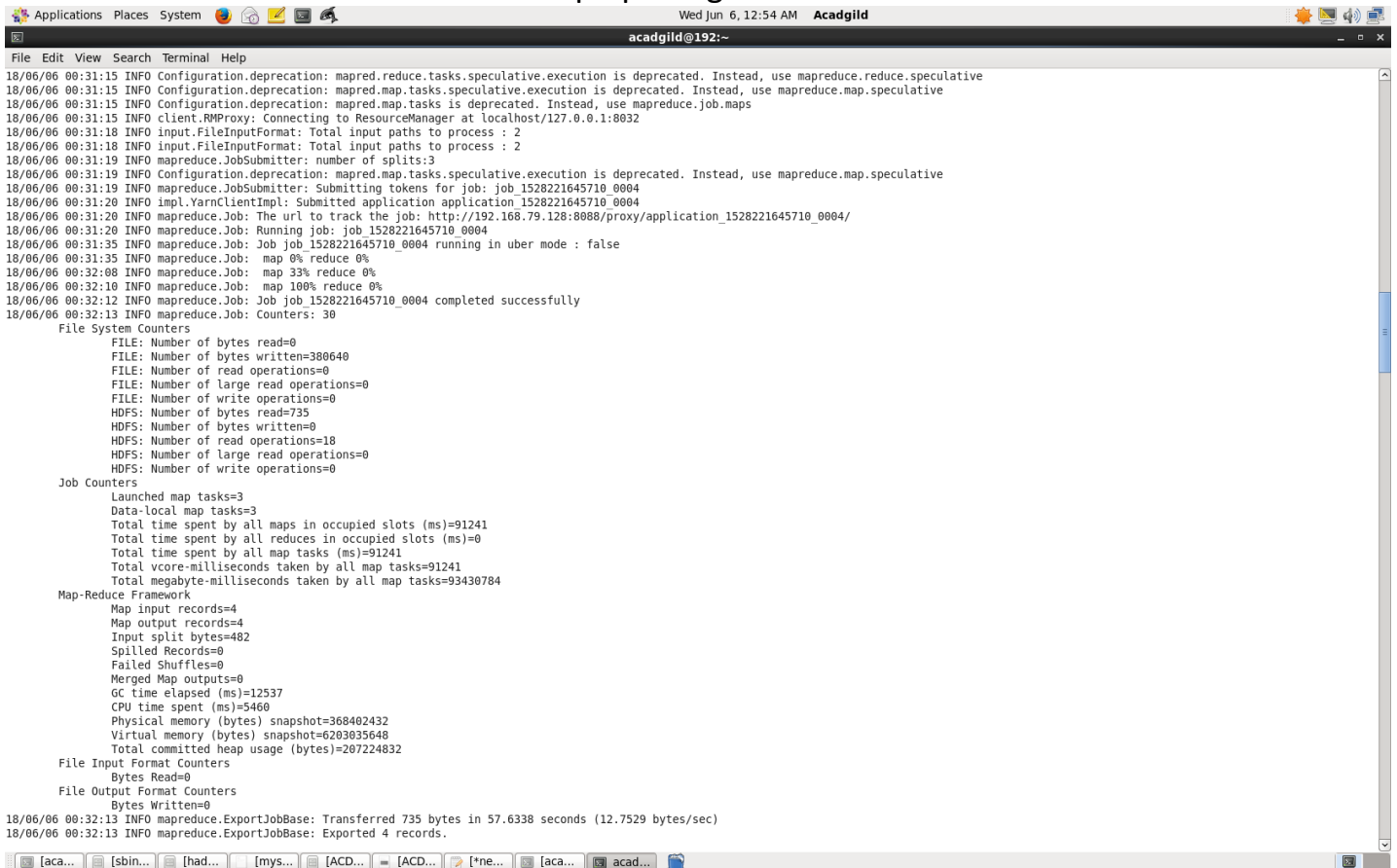
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Select * from Person table; SqoopExport database after loading data from HDFS Dir using Sqoop

```
mysql> use SqoopExport;
Reading table information for completion of table and column names
You can turn off this feature to get a quicker startup with -A

Database changed
mysql> select * from Person;
Empty set (0.00 sec)

mysql> select * from Person;
+-----------+----------+--------+---------------+----------------+
| person_id | lname    | fname  | area          | city           |
+-----------+----------+--------+---------------+----------------+
|         1 | Abhishek | Ram    | Patna         | Bihar          |
|         2 | Tanya    | Priya  | Whitefiled    | Bangalore      |
|         3 | James    | Brown  | New York      | United States  |
|         4 | Jhon     | Miller | Los Angeles   | United States  |
+-----------+----------+--------+---------------+----------------+
4 rows in set (0.00 sec)
```

Task2
Use Sqoop tool to export data present in SQOOPOUT folder made while demo of Import table
with parameter person_id =3.

Exported data from database simplidb where personid=3 , data was already loaded earlier so, using the same

For this query.

… Continue below

Sqoop Assignment

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```
[acadgild@192 ~]$ sqoop import --connect jdbc:mysql://localhost/simplidb --table Person --username root -P --target-dir /Sqoop2 -m 1 --where Person_Id=3
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.
18/06/06 00:39:24 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
Enter password:
18/06/06 00:39:28 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
18/06/06 00:39:28 INFO tool.CodeGenTool: Beginning code generation
Wed Jun 06 00:39:28 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 es
tablished 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.
18/06/06 00:39:29 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Person` AS t LIMIT 1
18/06/06 00:39:29 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Person` AS t LIMIT 1
18/06/06 00:39:29 INFO orm.CompilationManager: HADOOP_MAPRED_HOME is /home/acadgild/install/hadoop/hadoop-2.6.5
Note: /tmp/sqoop-acadgild/compile/b4bc4a2f2504b616b7f8f681a3b37f8e/Person.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
18/06/06 00:39:32 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-acadgild/compile/b4bc4a2f2504b616b7f8f681a3b37f8e/Person.jar
18/06/06 00:39:32 WARN manager.MySQLManager: It looks like you are importing from mysql.
18/06/06 00:39:32 WARN manager.MySQLManager: This transfer can be faster! Use the --direct
18/06/06 00:39:32 WARN manager.MySQLManager: option to exercise a MySQL-specific fast path.
18/06/06 00:39:32 INFO manager.MySQLManager: Setting zero DATETIME behavior to convertToNull (mysql)
18/06/06 00:39:32 INFO mapreduce.ImportJobBase: Beginning import of Person
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]
18/06/06 00:39:32 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
18/06/06 00:39:32 INFO Configuration.deprecation: mapred.jar is deprecated. Instead, use mapreduce.job.jar
18/06/06 00:39:34 INFO Configuration.deprecation: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps
18/06/06 00:39:34 INFO client.RMProxy: Connecting to ResourceManager at localhost/127.0.0.1:8032
Wed Jun 06 00:39:41 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 es
tablished 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.
18/06/06 00:39:41 INFO db.DBInputFormat: Using read commited transaction isolation
18/06/06 00:39:41 INFO mapreduce.JobSubmitter: number of splits:1
18/06/06 00:39:42 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1528221645710_0006
18/06/06 00:39:45 INFO impl.YarnClientImpl: Submitted application application_1528221645710_0006
18/06/06 00:39:45 INFO mapreduce.Job: The url to track the job: http://192.168.79.128:8088/proxy/application_1528221645710_0006/
18/06/06 00:39:45 INFO mapreduce.Job: Running job: job_1528221645710_0006
18/06/06 00:40:57 INFO mapreduce.Job: Job job_1528221645710_0006 running in uber mode : false
18/06/06 00:40:57 INFO mapreduce.Job:  map 0% reduce 0%
18/06/06 00:40:58 INFO mapreduce.Job:  map 100% reduce 0%
18/06/06 00:41:00 INFO mapreduce.Job: Job job_1528221645710_0006 completed successfully
18/06/06 00:41:00 INFO mapreduce.Job: Counters: 30
        File System Counters
                FILE: Number of bytes read=0
                FILE: Number of bytes written=127351
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=87
                HDFS: Number of bytes written=37
                HDFS: Number of read operations=4
```

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18/06/06 00:39:41 INFO mapreduce.JobSubmitter: number of splits:1
18/06/06 00:39:42 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1528221645710_0006
18/06/06 00:39:45 INFO impl.YarnClientImpl: Submitted application application_1528221645710_0006
18/06/06 00:39:45 INFO mapreduce.Job: The url to track the job: http://192.168.79.128:8088/proxy/application_1528221645710_0006/
18/06/06 00:39:45 INFO mapreduce.Job: Running job: job_1528221645710_0006
18/06/06 00:40:57 INFO mapreduce.Job: Job job_1528221645710_0006 running in uber mode : false
18/06/06 00:40:57 INFO mapreduce.Job:  map 0% reduce 0%
18/06/06 00:40:58 INFO mapreduce.Job:  map 100% reduce 0%
18/06/06 00:41:00 INFO mapreduce.Job: Job job_1528221645710_0006 completed successfully
18/06/06 00:41:00 INFO mapreduce.Job: Counters: 30
        File System Counters
                FILE: Number of bytes read=0
                FILE: Number of bytes written=127351
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=87
                HDFS: Number of bytes written=37
                HDFS: Number of read operations=4
                HDFS: Number of large read operations=0
                HDFS: Number of write operations=2
        Job Counters
                Launched map tasks=1
                Other local map tasks=1
                Total time spent by all maps in occupied slots (ms)=20792
                Total time spent by all reduces in occupied slots (ms)=0
                Total time spent by all map tasks (ms)=20792
                Total vcore-milliseconds taken by all map tasks=20792
                Total megabyte-milliseconds taken by all map tasks=21291008
        Map-Reduce Framework
                Map input records=1
                Map output records=1
                Input split bytes=87
                Spilled Records=0
                Failed Shuffles=0
                Merged Map outputs=0
                GC time elapsed (ms)=88
                CPU time spent (ms)=2130
                Physical memory (bytes) snapshot=122527744
                Virtual memory (bytes) snapshot=2063437824
                Total committed heap usage (bytes)=69074944
        File Input Format Counters
                Bytes Read=0
        File Output Format Counters
                Bytes Written=37
18/06/06 00:41:00 INFO mapreduce.ImportJobBase: Transferred 37 bytes in 86.2087 seconds (0.4292 bytes/sec)
18/06/06 00:41:00 INFO mapreduce.ImportJobBase: Retrieved 1 records.
[acadgild@192 ~]$ hadoop fs -ls /Sqoop2
18/06/06 00:41:44 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
Found 2 items
-rw-r--r--   1 acadgild supergroup          0 2018-06-06 00:40 /Sqoop2/_SUCCESS
-rw-r--r--   1 acadgild supergroup         37 2018-06-06 00:40 /Sqoop2/part-m-00000
[acadgild@192 ~]$ hadoop fs -cat /Sqoop2/part-m-00000
18/06/06 00:41:57 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
3,James,Brown,New York,United States
```

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Sqoop Assignment

Exported data from HDFS Dir to SqoopExport2 data base & Person table, where person_id=3

```
acadgild@192:~

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3,James,Brown,New York,United States
[acadgild@192 ~]$ sqoop export --connect jdbc:mysql://localhost/SqoopExport2 --table Person --username root -P -export-dir /Sqoop2
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.
18/06/06 00:44:28 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
Enter password:
18/06/06 00:44:33 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.
18/06/06 00:44:33 INFO tool.CodeGenTool: Beginning code generation
Wed Jun 06 00:44:33 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 es
tablished 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.
18/06/06 00:44:35 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Person` AS t LIMIT 1
18/06/06 00:44:36 INFO manager.SqlManager: Executing SQL statement: SELECT t.* FROM `Person` AS t LIMIT 1
18/06/06 00:44:36 INFO orm.CompilationManager: HADOOP MAPRED HOME is /home/acadgild/install/hadoop/hadoop-2.6.5
Note: /tmp/sqoop-acadgild/compile/14ef46086689dc29adfe89fe2dd90bd0/Person.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
18/06/06 00:44:39 INFO orm.CompilationManager: Writing jar file: /tmp/sqoop-acadgild/compile/14ef46086689dc29adfe89fe2dd90bd0/Person.jar
18/06/06 00:44:39 INFO mapreduce.ExportJobBase: Beginning export of Person
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]
18/06/06 00:44:40 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable
18/06/06 00:44:40 INFO Configuration.deprecation: mapred.jar is deprecated. Instead, use mapreduce.job.jar
18/06/06 00:44:42 INFO Configuration.deprecation: mapred.reduce.tasks.speculative.execution is deprecated. Instead, use mapreduce.reduce.speculative
18/06/06 00:44:42 INFO Configuration.deprecation: mapred.map.tasks.speculative.execution is deprecated. Instead, use mapreduce.map.speculative
18/06/06 00:44:42 INFO Configuration.deprecation: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps
18/06/06 00:44:42 INFO client.RMProxy: Connecting to ResourceManager at localhost/127.0.0.1:8032
18/06/06 00:44:45 INFO input.FileInputFormat: Total input paths to process : 1
18/06/06 00:44:45 INFO input.FileInputFormat: Total input paths to process : 1
18/06/06 00:44:45 INFO mapreduce.JobSubmitter: number of splits:4
18/06/06 00:44:45 INFO Configuration.deprecation: mapred.map.tasks.speculative.execution is deprecated. Instead, use mapreduce.map.speculative
18/06/06 00:44:46 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1528221645710_0007
18/06/06 00:44:46 INFO impl.YarnClientImpl: Submitted application application_1528221645710_0007
18/06/06 00:44:46 INFO mapreduce.Job: The url to track the job: http://192.168.79.128:8088/proxy/application_1528221645710_0007/
18/06/06 00:44:46 INFO mapreduce.Job: Running job: job_1528221645710_0007
18/06/06 00:44:58 INFO mapreduce.Job: Job job_1528221645710_0007 running in uber mode : false
18/06/06 00:44:58 INFO mapreduce.Job:  map 0% reduce 0%
18/06/06 00:45:40 INFO mapreduce.Job:  map 25% reduce 0%
18/06/06 00:45:41 INFO mapreduce.Job:  map 100% reduce 0%
18/06/06 00:45:41 INFO mapreduce.Job: Job job_1528221645710_0007 completed successfully
18/06/06 00:45:41 INFO mapreduce.Job: Counters: 30
        File System Counters
                FILE: Number of bytes read=0
                FILE: Number of bytes written=507524
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=660
                HDFS: Number of bytes written=0
                HDFS: Number of read operations=19
                HDFS: Number of large read operations=0
```

```
acadgild@192:~

File  Edit  View  Search  Terminal  Help
18/06/06 00:44:42 INFO Configuration.deprecation: mapred.map.tasks.speculative.execution is deprecated. Instead, use mapreduce.map.speculative
18/06/06 00:44:42 INFO Configuration.deprecation: mapred.map.tasks is deprecated. Instead, use mapreduce.job.maps
18/06/06 00:44:42 INFO client.RMProxy: Connecting to ResourceManager at localhost/127.0.0.1:8032
18/06/06 00:44:45 INFO input.FileInputFormat: Total input paths to process : 1
18/06/06 00:44:45 INFO input.FileInputFormat: Total input paths to process : 1
18/06/06 00:44:45 INFO mapreduce.JobSubmitter: number of splits:4
18/06/06 00:44:45 INFO Configuration.deprecation: mapred.map.tasks.speculative.execution is deprecated. Instead, use mapreduce.map.speculative
18/06/06 00:44:46 INFO mapreduce.JobSubmitter: Submitting tokens for job: job_1528221645710_0007
18/06/06 00:44:46 INFO impl.YarnClientImpl: Submitted application application_1528221645710_0007
18/06/06 00:44:46 INFO mapreduce.Job: The url to track the job: http://192.168.79.128:8088/proxy/application_1528221645710_0007/
18/06/06 00:44:46 INFO mapreduce.Job: Running job: job_1528221645710_0007
18/06/06 00:44:58 INFO mapreduce.Job: Job job_1528221645710_0007 running in uber mode : false
18/06/06 00:44:58 INFO mapreduce.Job:  map 0% reduce 0%
18/06/06 00:45:40 INFO mapreduce.Job:  map 25% reduce 0%
18/06/06 00:45:41 INFO mapreduce.Job:  map 100% reduce 0%
18/06/06 00:45:41 INFO mapreduce.Job: Job job_1528221645710_0007 completed successfully
18/06/06 00:45:41 INFO mapreduce.Job: Counters: 30
        File System Counters
                FILE: Number of bytes read=0
                FILE: Number of bytes written=507524
                FILE: Number of read operations=0
                FILE: Number of large read operations=0
                FILE: Number of write operations=0
                HDFS: Number of bytes read=660
                HDFS: Number of bytes written=0
                HDFS: Number of read operations=19
                HDFS: Number of large read operations=0
                HDFS: Number of write operations=0
        Job Counters
                Launched map tasks=4
                Data-local map tasks=4
                Total time spent by all maps in occupied slots (ms)=160527
                Total time spent by all reduces in occupied slots (ms)=0
                Total time spent by all map tasks (ms)=160527
                Total vcore-milliseconds taken by all map tasks=160527
                Total megabyte-milliseconds taken by all map tasks=164379648
        Map-Reduce Framework
                Map input records=1
                Map output records=1
                Input split bytes=546
                Spilled Records=0
                Failed Shuffles=0
                Merged Map outputs=0
                GC time elapsed (ms)=10322
                CPU time spent (ms)=7470
                Physical memory (bytes) snapshot=487501824
                Virtual memory (bytes) snapshot=8262631424
                Total committed heap usage (bytes)=276299776
        File Input Format Counters
                Bytes Read=0
        File Output Format Counters
                Bytes Written=0
18/06/06 00:45:41 INFO mapreduce.ExportJobBase: Transferred 660 bytes in 58.8163 seconds (11.2214 bytes/sec)
18/06/06 00:45:41 INFO mapreduce.ExportJobBase: Exported 1 records.
[acadgild@192 ~]$
```

Sqoop Assignment

Select * from person; database SqoopExport2

```
mysql> create database SqoopExport2;
Query OK, 1 row affected (0.04 sec)

mysql> use SqoopExport2;
Database changed
mysql> Create table Person(
    -> person_id INT NOT NULL,
    -> lname varchar(20),
    -> fname varchar(20),
    -> area varchar(20),
    -> city varchar(20),
    -> PRIMARY KEY (person_id)
    -> );
Query OK, 0 rows affected (0.23 sec)

mysql> select * from Person;
+-----------+-------+-------+----------+---------------+
| person_id | lname | fname | area     | city          |
+-----------+-------+-------+----------+---------------+
|         3 | James | Brown | New York | United States |
+-----------+-------+-------+----------+---------------+
1 row in set (0.00 sec)

mysql>
```

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