After importing **Person** table from simplidb from mysql to hdfs.

Browse Directory

/sqoopout111

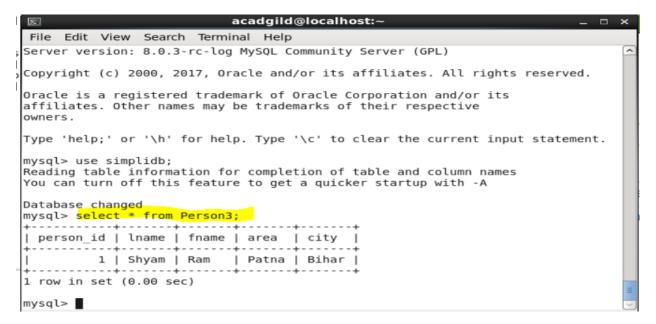| Permission	Owner	Group	Size	Replication	Block Size	Name
-rw-r--r--	acadgild	supergroup	0 B	1	128 MB	_SUCCESS
-rw-r--r--	acadgild	supergroup	24 B	1	128 MB	part-m-00000

Hadoop, 2016.

Task 1:

Use sqoop Tool to export data present in Sqoopout folder(HDFS) to mysql(RDBMS)

- Here I am exporting data present in the sqoopout111 to simplidb.Person2


```
Try --help for usage instructions.
[acadgild@localhost ~]$ sqoop export -m 1 --connect jdbc:mysql://localhost/simpl
idb --table Person3  --username root -P --export-dir /sqoopout111
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/../hca
talog 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/../acc
umulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
18/05/27 08:13:04 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
Enter password:
18/05/27 08:13:11 INFO manager.MySQLManager: Preparing to use a MySQL streaming
resultset.
18/05/27 08:13:11 INFO tool.CodeGenTool: Beginning code generation
Sun May 27 08:13:12 IST 2018 WARN: Establishing SSL connection without server's
identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ an
d 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 ve
rifyServerCertificate property is set to 'false'. You need either to explicitly
disable SSL by setting useSSL=false, or set useSSL=true and provide truststore f
or server certificate verification.
18/05/27 08:13:14 INFO manager.SqlManager: Executing SQL statement: SELECT t.* F
ROM `Person3` AS t LIMIT 1
```
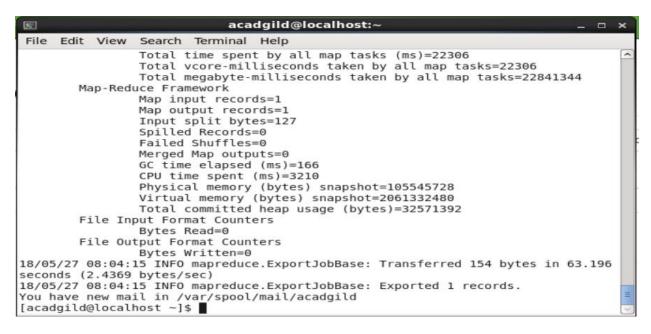
- After exporting the data, revalidating the data in person3 table in mysql DB

Task 2:

Use sqoop Tool to export data present in Sqoopout folder(HDFS) to mysql(RDBMS) with parameter person_id =1 (part-m-0000)

```
acadgild@localhost:~                                        _ □ ✕

File  Edit  View  Search  Terminal  Help
[acadgild@localhost ~]$ sqoop export -m 1 --connect jdbc:mysql://localhost/simpl
idb --table Person2 --username root -P --export-dir /sqoopout111/part*
Warning: /home/acadgild/install/sqoop/sqoop-1.4.6.bin__hadoop-2.0.4-alpha/../hca
talog 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/../acc
umulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
18/05/27 08:02:52 INFO sqoop.Sqoop: Running Sqoop version: 1.4.6
Enter password:
18/05/27 08:02:56 INFO manager.MySQLManager: Preparing to use a MySQL streaming
resultset.
18/05/27 08:02:56 INFO tool.CodeGenTool: Beginning code generation
Sun May 27 08:02:57 IST 2018 WARN: Establishing SSL connection without server's
identity verification is not recommended. According to MySQL 5.5.45+, 5.6.26+ an
d 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 ve
rifyServerCertificate property is set to 'false'. You need either to explicitly
disable SSL by setting useSSL=false, or set useSSL=true and provide truststore f
or server certificate verification.
18/05/27 08:02:59 INFO manager.SqlManager: Executing SQL statement: SELECT t.* F
ROM `Person2` AS t LIMIT 1
18/05/27 08:03:00 INFO manager.SqlManager: Executing SQL statement: SELECT t.* F
ROM `Person2` AS t LIMIT 1
```



```
acadgild@localhost:~                                        _ □ ✕

File  Edit  View  Search  Terminal  Help
        Total time spent by all map tasks (ms)=22306
        Total vcore-milliseconds taken by all map tasks=22306
        Total megabyte-milliseconds taken by all map tasks=22841344
    Map-Reduce Framework
        Map input records=1
        Map output records=1
        Input split bytes=127
        Spilled Records=0
        Failed Shuffles=0
        Merged Map outputs=0
        GC time elapsed (ms)=166
        CPU time spent (ms)=3210
        Physical memory (bytes) snapshot=105545728
        Virtual memory (bytes) snapshot=2061332480
        Total committed heap usage (bytes)=32571392
    File Input Format Counters
        Bytes Read=0
    File Output Format Counters
        Bytes Written=0
18/05/27 08:04:15 INFO mapreduce.ExportJobBase: Transferred 154 bytes in 63.196
seconds (2.4369 bytes/sec)
18/05/27 08:04:15 INFO mapreduce.ExportJobBase: Exported 1 records.
You have new mail in /var/spool/mail/acadgild
[acadgild@localhost ~]$ ▮
```

After exporting data from HDFS to RDBMS

- After exporting the data, revalidating the data in person2 table in mysql DB

```
mysql> use simplidb;
Reading table information for completion of table ar
You can turn off this feature to get a quicker start

Database changed
mysql> select * from Person2;
+-----------+--------+--------+--------+--------+
| person_id | lname  | fname  | area   | city   |
+-----------+--------+--------+--------+--------+
|         1 | Shyam  | Ram    | Patna  | Bihar  |
+-----------+--------+--------+--------+--------+
1 row in set (0.01 sec)
```