**My Hadoop Workouts - Sqoop**

# Sqoop:

## Import:

sqoop import --connect jdbc:mysql://localhost/test --username root --password root -table customer -m 1 ;

ERROR tool.ImportTool: Error during import: No primary key could be found for table customer. Please specify one with --split-by or perform a sequential import with '-m 1'.

sqoop import --connect jdbc:mysql://localhost/test --username root --password root -table customer -m 1 --direct;

sqoop import --connect jdbc:mysql://localhost/test --username root --password root -table customer -m 2 --split-by custid;

sqoop import --connect jdbc:mysql://localhost/test --username root --password root -table customer -m 1 --target-dir imp\_del --fields-terminated-by '~' --lines-terminated-by '\n';

### Password –P option

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --P --table customer --split-by custid --m 1 --direct --target-dir inc\_imp\_lm;

### Incremental Imports

sqoop import --connect jdbc:mysql://localhost/test --username root --password root -table customer -m 1 --direct --target-dir sqoopdb/customer\_sqoop --incremental append --check-column city --last-value 'chennai';

ERROR tool.ImportTool: Error during import: Character column (city) can not be used to determine which rows to incrementally import.

sqoop import --connect jdbc:mysql://localhost/test --username root --password root -table customer -m 1 --direct --target-dir sqoopdb/customer\_sqoop --incremental append --check-column custid --last-value 7;

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --P --table customer --split-by custid --m 1 --direct --target-dir inc\_imp\_lm;

[hduser@Inceptez ~]$ hdfs dfs -ls -R inc\_imp\_lm

-rw-r--r-- 1 hduser supergroup 0 2016-06-19 00:03 inc\_imp\_lm/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 568 2016-06-19 00:03 inc\_imp\_lm/part-m-00000

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --P --table customer --m 1 --direct --target-dir inc\_imp\_lm --incremental append --check-column custid --last-value 9;

[hduser@Inceptez ~]$ hdfs dfs -ls -R inc\_imp\_lm

-rw-r--r-- 1 hduser supergroup 0 2016-06-19 00:03 inc\_imp\_lm/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 568 2016-06-19 00:03 inc\_imp\_lm/part-m-00000

-rw-r--r-- 1 hduser supergroup 56 2016-06-19 00:08 inc\_imp\_lm/part-m-00001

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --P --table customer --m 1 --direct --target-dir inc\_imp\_lm --incremental append --check-column custid --last-value 10;

INFO tool.ImportTool: No new rows detected since last import.

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --P --table customer --m 1 --direct --target-dir inc\_imp\_lm --incremental lastmodified --check-column row\_ts --last-value '2016-06-18 22:52:00';

ERROR tool.ImportTool: Error during import: --merge-key or --append is required when using --incremental lastmodified and the output directory exists.

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --table customer --m 1 --direct --target-dir inc\_imp\_lm1 --incremental lastmodified --check-column row\_ts --last-value '2016-06-18 22:52:00';

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --table customer --m 1 --direct --target-dir inc\_imp\_lm2 --incremental lastmodified --check-column row\_ts --last-value '2016-06-18 22:52:00.0';

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --table customer --m 1 --direct --target-dir inc\_imp\_lm3 --incremental lastmodified --check-column row\_ts --last-value '0000-00-00 00:00:00.0' --merge-key custid --last-value 0;

hdfs dfs -ls -R inc\_imp\_lm3

-rw-r--r-- 1 hduser supergroup 0 2016-06-19 00:26 inc\_imp\_lm3/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 568 2016-06-19 00:26 inc\_imp\_lm3/part-m-00000

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --table customer --m 1 --direct --target-dir inc\_imp\_lm3 --incremental lastmodified --check-column row\_ts --last-value '2016-06-19 00:25:46.0' --merge-key custid --last-value 10;

hdfs dfs -ls -R inc\_imp\_lm3

-rw-r--r-- 1 hduser supergroup 0 2016-06-19 00:32 inc\_imp\_lm3/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 588 2016-06-19 00:32 inc\_imp\_lm3/part-r-00000

sqoop job --create inc\_imp\_lm -- import --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --table customer --m 1 --direct --target-dir inc\_imp\_lm3\_new --incremental lastmodified --check-column row\_ts --merge-key custid;

**Incremental import on a table Altered by adding a new column**

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --direct --table record\_hist --m 1 --target-dir sqoopdb/DKMDB01/record\_hist;

drwxr-xr-x - hduser supergroup 0 2016-06-28 21:27 sqoopdb/DKMDB01/record\_hist

-rw-r--r-- 1 hduser supergroup 0 2016-06-28 21:27 sqoopdb/DKMDB01/record\_hist/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 21 2016-06-28 21:27 sqoopdb/DKMDB01/record\_hist/part-m-00000

[hduser@Inceptez ~]$ hadoop fs -cat sqoopdb/DKMDB01/record\_hist/p\*

1,rec1

2,rec2

3,NULL

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --direct --table record\_hist --m 1 --target-dir sqoopdb/DKMDB01/record\_hist --incremental append --check-column rec\_num --last-value 3;

-rw-r--r-- 1 hduser supergroup 0 2016-06-28 21:27 sqoopdb/DKMDB01/record\_hist/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 21 2016-06-28 21:27 sqoopdb/DKMDB01/record\_hist/part-m-00000

-rw-r--r-- 1 hduser supergroup 12 2016-06-28 21:43 sqoopdb/DKMDB01/record\_hist/part-m-00001

[hduser@Inceptez ~]$ hadoop fs -cat sqoopdb/DKMDB01/record\_hist/p\*0

1,rec1

2,rec2

3,NULL

[hduser@Inceptez ~]$ hadoop fs -cat sqoopdb/DKMDB01/record\_hist/p\*1

4,rec4,r4t2

### Imports with Join

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --P --direct --query 'select a.Emp\_id, a.Emp\_name, b.Team\_name where a.Emp\_id = b.Emp\_id';

Enter password:

Must specify destination with --target-dir.

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --P --direct --query 'select a.Emp\_id, a.Emp\_name, b.Team\_name where a.Emp\_id = b.Emp\_id' --target-dir join\_query\_op;

When importing query results in parallel, you must specify --split-by.

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --P --direct --query 'select a.Emp\_id, a.Emp\_name, b.Team\_name where a.Emp\_id = b.Emp\_id' --split-by a.Emp\_id --target-dir join\_query\_op;

ERROR tool.ImportTool: Encountered IOException running import job: java.io.IOException: Query [select a.Emp\_id, a.Emp\_name, b.Team\_name where a.Emp\_id = b.Emp\_id] must contain '$CONDITIONS' in WHERE clause.

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --P --direct --query 'select a.Emp\_id, a.Emp\_name, b.Team\_name from Employee a, Emp\_team b where a.Emp\_id = b.Emp\_id and $CONDITIONS' --split-by a.Emp\_id --target-dir join\_query\_op;

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --P --direct --query 'select a.Emp\_id, a.Emp\_name, b.Team\_name from Employee a, Emp\_team b where a.Emp\_id = b.Emp\_id and $CONDITIONS' --boundary-query 'select 3, max(a.Emp\_id) from Employee a' --num-mappers 2 --split-by a.Emp\_id --target-dir join\_query\_op1;

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --P --direct --query 'select \* from student s,department d where s.stu\_dep = d.dep\_id and $CONDITIONS' --split-by a.stu\_id --target-dir join\_query\_op8;

ERROR tool.ImportTool: Imported Failed: Duplicate Column identifier specified: 'row\_ts'

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --P --direct --query 'select s.stu\_id, s.stu\_name, d.dep\_id, d.dep\_name from student s,department d where s.stu\_dep = d.dep\_id and $CONDITIONS' --split-by s.stu\_id --target-dir join\_query\_op8;

### Options file

[hduser@Inceptez ~]$ echo "--connect jdbc:mysql://localhost/DKMDB01 --username root --password root --direct" > dkmdb01\_dir.txt

sqoop import --options-file dkmdb01\_dir.txt --table rec\_hist\_stg1 --m 1 --export-dir sqoopdb/DKMDB01/rec\_hist\_stg1;

ERROR tool.BaseSqoopTool: Error parsing arguments for import:

[hduser@Inceptez ~]$ echo "import --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --direct" > dkmdb01\_dir.txt

sqoop --options-file dkmdb01\_dir.txt --table rec\_hist\_stg1 --m 1 --export-dir sqoopdb/DKMDB01/rec\_hist\_stg1;

No such sqoop tool: import --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --direct. See 'sqoop help'.

[hduser@Inceptez ~]$ vi dkmdb01\_dir.txt

[hduser@Inceptez ~]$ cat dkmdb01\_dir.txt

import

--connect

jdbc:mysql://localhost/DKMDB01

--username

root

--password

root

--direct

sqoop --options-file dkmdb01\_dir.txt --table rec\_hist\_stg1 --m 1 --export-dir sqoopdb/DKMDB01/rec\_hist\_stg1;

ERROR tool.BaseSqoopTool: Unrecognized argument: --export-dir

sqoop --options-file dkmdb01\_dir.txt --table rec\_hist\_stg1 --m 1 --target-dir sqoopdb/DKMDB01/rec\_hist\_stg1;

## Export:

sqoop export --connect jdbc:mysql://localhost/test --username root --password root --table customer1 --export-dir imp\_del;

Error: java.io.IOException: Can't export data, please check failed map task logs

Caused by: java.lang.RuntimeException: Can't parse input data: '8~Lionel~Messi~Barcelona~28~2016-06-13~1000000'

Caused by: java.lang.NumberFormatException: For input string: "8~Lionel~Messi~Barcelona~28~2016-06-13~1000000"

*Sqoop automatically generates code to parse and interpret records of the files containing the data to be exported back to the database. If these files were created with non-default delimiters (comma-separated fields with newline-separated records), you should specify the same delimiters again so that Sqoop can parse your files. If you specify incorrect delimiters, Sqoop will fail to find enough columns per line. This will cause export map tasks to fail by throwing ParseExceptions*

sqoop export --connect jdbc:mysql://localhost/test --username root --password root --table customer1 --export-dir imp\_del --fields-terminated-by '~' --lines-terminated-by '\n';

sqoop export --connect jdbc:mysql://localhost/test --username root --password root --table customer1 --export-dir imp\_del --fields-terminated-by '~' --lines-terminated-by '\n' --update-key custid --update-mode updateonly;

sqoop export --connect jdbc:mysql://localhost/test --username root --password root --table customer1 --export-dir imp\_del --fields-terminated-by '~' --lines-terminated-by '\n' --update-key custid --update-mode allowinsert;

sqoop export --connect jdbc:mysql://localhost/test --username root --password root --table Employee\_exp --export-dir sqoopdb/Employee\_new;

sqoop export --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --table rec\_hist\_stg1 --export-dir sqoopdb/DKMDB01/record\_hist\_merged --batch;

## List-tables:

sqoop list-tables \

--connect jdbc:mysql://localhost/test \

--username root \

--password root;

## Sqoop Job

sqoop job --create myjob1 --import --connect jdbc:mysql://localhost/test --username root --password root --table Employee --m 1 --target-dir sqoopdb/Employee;

ERROR tool.BaseSqoopTool: Error parsing arguments for job:

sqoop job --create myjob1 -- import --connect jdbc:mysql://localhost/test --username root --password root --table Employee --m 1 --target-dir sqoopdb/Employee;

sqoop job -list

Available jobs:

myjob1

sqoop job --exec myjob1;

Enter password:

sqoop job --create myjob2 -- import --connect jdbc:mysql://localhost/test --username root --password root --table Employee --m 1 --direct --target-dir sqoopdb/Employee\_new --incremental append --check-column Emp\_id --last-value 0;

sqoop job --show myjob2

Enter password:

Job: myjob2

Tool: import

Options:

----------------------------

verbose = false

incremental.last.value = 3

db.connect.string = jdbc:mysql://localhost/test

codegen.output.delimiters.escape = 0

codegen.output.delimiters.enclose.required = false

codegen.input.delimiters.field = 0

hbase.create.table = false

db.require.password = true

hdfs.append.dir = true

db.table = Employee

codegen.input.delimiters.escape = 0

import.fetch.size = null

accumulo.create.table = false

codegen.input.delimiters.enclose.required = false

db.username = root

codegen.output.delimiters.record = 10

import.max.inline.lob.size = 16777216

hbase.bulk.load.enabled = false

hcatalog.create.table = false

db.clear.staging.table = false

incremental.col = Emp\_id

codegen.input.delimiters.record = 0

enable.compression = false

hive.overwrite.table = false

hive.import = false

codegen.input.delimiters.enclose = 0

accumulo.batch.size = 10240000

hive.drop.delims = false

codegen.output.delimiters.enclose = 0

hdfs.delete-target.dir = false

codegen.output.dir = .

codegen.auto.compile.dir = true

relaxed.isolation = false

mapreduce.num.mappers = 1

accumulo.max.latency = 5000

import.direct.split.size = 0

codegen.output.delimiters.field = 44

export.new.update = UpdateOnly

incremental.mode = AppendRows

hdfs.file.format = TextFile

codegen.compile.dir = /tmp/sqoop-hduser/compile/0dd84acf0dbfc65d959b8f7f81c4dad4

direct.import = true

hdfs.target.dir = sqoopdb/Employee\_new

hive.fail.table.exists = false

db.batch = false

sqoop job --delete import\_all\_DKMDB01

## Sqoop Import-all tables

sqoop import-all-tables --connect jdbc:mysql://localhost/test --username root --P --direct;

Enter password:

ERROR tool.ImportAllTablesTool: Error during import: No primary key could be found for table Employee. Please specify one with --split-by or perform a sequential import with '-m 1'.

sqoop import-all-tables --connect jdbc:mysql://localhost/test --username root --P --direct --m 1;

ERROR tool.ImportAllTablesTool: Encountered IOException running import job: org.apache.hadoop.mapred.FileAlreadyExistsException: Output directory hdfs://localhost:54310/user/hduser/customer already exists

sqoop import-all-tables --connect jdbc:mysql://localhost/test --username root --P --direct --m 1 --target-dir import\_all;

Enter password:

16/06/18 21:18:50 ERROR tool.BaseSqoopTool: Error parsing arguments for import-all-tables:

16/06/18 21:18:50 ERROR tool.BaseSqoopTool: Unrecognized argument: --target-dir

### Password file

echo -n "root" > mysql\_pwd.txt

hdfs dfs -copyFromLocal -f mysql\_pwd.txt /user/hduser

hdfs dfs -cat my\*

root

sqoop import-all-tables --connect jdbc:mysql://localhost/test --username root --password-file mysql\_pwd.txt --direct --m 1;

sqoop job --create import\_all\_DKMDB01 -- import-all-tables --connect jdbc:mysql://localhost/DKMDB01 --username root --P --direct;

**Note:** No mappers specified as tables have primary key

mysql> desc Deepak\_DB01.Employee;

+----------+---------------+------+-----+-------------------+-----------------------------+

| Field | Type | Null | Key | Default | Extra |

+----------+---------------+------+-----+-------------------+-----------------------------+

| Emp\_id | int(11) | NO | PRI | NULL | |

| Emp\_Name | varchar(25) | NO | | NULL | |

| Emp\_sal | decimal(11,2) | YES | | 0.00 | |

| Row\_ts | timestamp | NO | | CURRENT\_TIMESTAMP | on update CURRENT\_TIMESTAMP |

+----------+---------------+------+-----+-------------------+-----------------------------+

4 rows in set (0.00 sec)

mysql> desc DKMDB01.Employee;

+----------+---------------+------+-----+---------------------+-------+

| Field | Type | Null | Key | Default | Extra |

+----------+---------------+------+-----+---------------------+-------+

| Emp\_id | int(11) | NO | | NULL | |

| Emp\_Name | varchar(25) | NO | | NULL | |

| Emp\_sal | decimal(11,2) | YES | | 0.00 | |

| Row\_ts | timestamp | NO | | 0000-00-00 00:00:00 | |

+----------+---------------+------+-----+---------------------+-------+

4 rows in set (0.00 sec)

[hduser@Inceptez ~]$ hadoop fs -ls -R;

drwxr-xr-x - hduser supergroup 0 2016-06-18 22:33 Employee

-rw-r--r-- 1 hduser supergroup 0 2016-06-18 22:33 Employee/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 38 2016-06-18 22:32 Employee/part-m-00000

-rw-r--r-- 1 hduser supergroup 40 2016-06-18 22:32 Employee/part-m-00001

-rw-r--r-- 1 hduser supergroup 39 2016-06-18 22:32 Employee/part-m-00002

-rw-r--r-- 1 hduser supergroup 41 2016-06-18 22:32 Employee/part-m-00003

-rw-r--r-- 1 hduser supergroup 41 2016-06-18 22:32 Employee/part-m-00004

drwxr-xr-x - hduser supergroup 0 2016-06-18 22:33 customer

-rw-r--r-- 1 hduser supergroup 0 2016-06-18 22:33 customer/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 158 2016-06-18 22:33 customer/part-m-00000

-rw-r--r-- 1 hduser supergroup 110 2016-06-18 22:33 customer/part-m-00001

-rw-r--r-- 1 hduser supergroup 118 2016-06-18 22:33 customer/part-m-00002

-rw-r--r-- 1 hduser supergroup 169 2016-06-18 22:33 customer/part-m-00003

## Merge

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --direct --table record\_hist --m 1 --target-dir sqoopdb/DKMDB01/record\_hist\_new;

hadoop fs -ls sqoopdb/DKMDB01/record\_hist\_new

-rw-r--r-- 1 hduser supergroup 0 2016-06-28 22:52 sqoopdb/DKMDB01/record\_hist\_new/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 48 2016-06-28 22:52 sqoopdb/DKMDB01/record\_hist\_new/part-m-00000

[hduser@Inceptez ~]$ hadoop fs -cat sqoopdb/DKMDB01/record\_hist\_new/p\*

1,rec1,r1t2

2,rec2,NULL

3,NULL,r3t2

4,rec4,r4t2

sqoop import --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --direct --table record\_hist --m 1 --target-dir sqoopdb/DKMDB01/record\_hist\_new2;

sqoop merge --new-data sqoopdb/DKMDB01/record\_hist\_new2 --onto sqoopdb/DKMDB01/record\_hist\_new --target-dir sqoopdb/DKMDB01/record\_hist\_merged --merge-key rec\_num --class-name record\_hist --jar-file /tmp/sqoop-hduser/compile/eda2e538d186201daa20b6f281f22adc/record\_hist.jar;

[hduser@Inceptez ~]$ hadoop fs -ls sqoopdb/DKMDB01/\*

16/06/28 23:10:13 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 hduser supergroup 0 2016-06-28 22:48 sqoopdb/DKMDB01/record\_hist/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 21 2016-06-28 22:48 sqoopdb/DKMDB01/record\_hist/part-m-00000

Found 2 items

-rw-r--r-- 1 hduser supergroup 0 2016-06-28 23:09 sqoopdb/DKMDB01/record\_hist\_merged/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 60 2016-06-28 23:09 sqoopdb/DKMDB01/record\_hist\_merged/part-r-00000

Found 2 items

-rw-r--r-- 1 hduser supergroup 0 2016-06-28 22:52 sqoopdb/DKMDB01/record\_hist\_new/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 48 2016-06-28 22:52 sqoopdb/DKMDB01/record\_hist\_new/part-m-00000

Found 2 items

-rw-r--r-- 1 hduser supergroup 0 2016-06-28 23:05 sqoopdb/DKMDB01/record\_hist\_new2/\_SUCCESS

-rw-r--r-- 1 hduser supergroup 60 2016-06-28 23:05 sqoopdb/DKMDB01/record\_hist\_new2/part-m-00000

[hduser@Inceptez ~]$ hadoop fs -cat sqoopdb/DKMDB01/record\_hist\_new2/p\*

16/06/28 23:11:16 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

1,rec1,r1t2

2,rec2,r2t2

3,rec3,r3t2

4,rec4,r4t2

5,rec5,r5t2

[hduser@Inceptez ~]$ hadoop fs -cat sqoopdb/DKMDB01/record\_hist\_merged/p\*

16/06/28 23:11:35 WARN util.NativeCodeLoader: Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

1,rec1,r1t2

2,rec2,r2t2

3,rec3,r3t2

4,rec4,r4t2

5,rec5,r5t2

## Create Hive table

sqoop create-hive-table --connect jdbc:mysql://localhost/DKMDB01 --username root --password root --table student --hive-table dkmdb01.student;

hive (dkmdb01)> show create table student;

OK

createtab\_stmt

CREATE TABLE `student`(

`stu\_id` int,

`stu\_name` string,

`stu\_dep` int,

`row\_ts` string)

COMMENT 'Imported by sqoop on 2016/07/13 21:09:01'

ROW FORMAT DELIMITED

FIELDS TERMINATED BY '\u0001'

LINES TERMINATED BY '\n'

STORED AS INPUTFORMAT

'org.apache.hadoop.mapred.TextInputFormat'

OUTPUTFORMAT

'org.apache.hadoop.hive.ql.io.HiveIgnoreKeyTextOutputFormat'

LOCATION

'hdfs://localhost:54310/user/hive/warehouse/dkmdb01.db/student'

TBLPROPERTIES (

'transient\_lastDdlTime'='1468424352')

Time taken: 0.161 seconds, Fetched: 17 row(s)

hive (dkmdb01)> dfs -ls hdfs://localhost:54310/user/hive/warehouse/dkmdb01.db/student;

Found 1 items

-rw-r--r-- 1 hduser supergroup 185 2016-07-13 21:19 hdfs://localhost:54310/user/hive/warehouse/dkmdb01.db/student/part-m-00000

sqoop job --create sqp2hv\_inc\_imp\_stud -- import --connect jdbc:mysql://localhost/DKMDB01 --direct --username root --password root --table student --m 1 --hive-import --hive-table dkmdb01.student --incremental append --check-column stu\_id --last-value 0;

sqoop job --list

Available jobs:

exp\_job1

import\_all\_DKMDB01

inc\_imp\_lm

myjob1

myjob2

sqp2hv\_inc\_imp\_stud

sqoop job --exec sqp2hv\_inc\_imp\_stud

Enter password:

hive (dkmdb01)> select \* from student;

OK

student.stu\_id student.stu\_name student.stu\_dep student.row\_ts

1 Deepak 1 2016-06-21 14:54:56

2 Farooq 1 2016-06-21 14:55:21

3 Vadivel 2 2016-06-21 14:55:43

4 Hari 3 2016-06-21 14:56:05

5 Karthick 1 2016-06-21 14:56:21

6 Mani 4 2016-06-21 15:11:08

Time taken: 0.11 seconds, Fetched: 6 row(s)

sqoop job --exec sqp2hv\_inc\_imp\_stud

Enter password:

hive (dkmdb01)> select \* from student;

OK

student.stu\_id student.stu\_name student.stu\_dep student.row\_ts

1 Deepak 1 2016-06-21 14:54:56

2 Farooq 1 2016-06-21 14:55:21

3 Vadivel 2 2016-06-21 14:55:43

4 Hari 3 2016-06-21 14:56:05

5 Karthick 1 2016-06-21 14:56:21

6 Mani 4 2016-06-21 15:11:08

7 Syed 1 2016-07-13 15:53:48

8 Rajesh 1 2016-07-13 15:54:44

9 Vignesh 3 2016-07-13 15:55:01

Time taken: 0.091 seconds, Fetched: 9 row(s)

hive (dkmdb01)> dfs -ls hdfs://localhost:54310/user/hive/warehouse/dkmdb01.db/student;

Found 2 items

-rw-r--r-- 1 hduser supergroup 185 2016-07-13 21:19 hdfs://localhost:54310/user/hive/warehouse/dkmdb01.db/student/part-m-00000

-rw-r--r-- 1 hduser supergroup 92 2016-07-13 21:26 hdfs://localhost:54310/user/hive/warehouse/dkmdb01.db/student/part-m-00000\_copy\_1