Apache Sqoop

**Version:**

Check out version of Sqoop

sqoop-version

**Import and Export data in Mysql to HDFS**

open MySQL Command Line Interface.

Command: **mysql -u root –p**

You have entered mysql prompt.

**Now create databases and insert tables :**

create database testhadoop;

use testhadoop;

create table employee (empid int(2), empname varchar(20), salary int(6));

insert into employee values (1,’John’ 5000), (2,’Smith’,200), (3,’Kathy’,5600);

**Grant the user access to the database.**

grant all privileges on \*.\* to '%'@'localhost'; grant all privileges on \*.\* to '\*'@'localhost';

Finally exit out of mysql prompt

**exit**

**Download MySQL connector**

download mysql-connector-java-5.1.28.tar.gz using the below

**command :**

wget http://dev.mysql.com/get/Downloads/Connector-J/mysql-connector-java-5.1.28.tar.gz

**Now untar the file**

tar zxvf mysql-connector-java-5.1.28.tar.gz

You can find mysql-connector-java-5.1.28-bin.jar inside the untarred folder mysql- connector-java-5.1.28.

Copy this jar file to /usr/lib/sqoop/lib directory using:

sudo cp mysql-connector-java-5.1.28/mysql-connector-java-5.1.28-bin.jar /usr/lib/sqoop/lib

**Import data from MYSQL to HDFS using SQOOP**

sqoop import --connect jdbc:mysql://127.0.0.1:3306/testhadoop

--username root --password password --table employee --m 1

**Export**

$ mysql testhadoop

create table employee2 (empid int(2), empname varchar(20), salary int(6));

sqoop export --connect jdbc:mysql://127.0.0.1:3306/testhadoop

--username root --password password –export-dir employee