There are two version Sqoop1 & Sqoop2

Because sqoop2 some features which exist in Sqoop1 are not supported.

Use Sqoop1 to install

modify sqoop-env.sh

In RDMS, use postgresql, add postgres JDBC driver in sqoop lib folder

Test postgresql can connect fro sqoop

sqoop list-databases --connect jdbc:postgresql://master:5432/postgres --username postgres --password postgres

sqoop import --connect jdbc:postgresql://master:5432/postgres --username postgres --password postgres --table city --fields-terminated-by ‘\t’ --lines-terminated-by ‘\n’ -m 3 --hive-import --hive-overwrite --create-hive-table --hive-table animal.city -target-dir /user/hive/warehouse/city

Hive Section

* create hive table

sqoop create-hive-table --connect jdbc:postgresql://master:5432/postgres --username postgres --password postgres --table city --hive-table animal.city

* load data to hive table and also create hive table

--insert city

sqoop import --connect jdbc:postgresql://master:5432/postgres --username postgres --password postgres --table city --fields-terminated-by "\t" --lines-terminated-by "\n" --hive-import --hive-overwrite --hive-table animal.city --delete-target-dir

--insert country

sqoop import --connect jdbc:postgresql://master:5432/postgres --username postgres --password postgres --fields-terminated-by "\t" --lines-terminated-by "\n" --hive-import --hive-overwrite --create-hive-table --table country --hive-table animal.country --delete-target-dir

HBase Section

sqoop import --connect jdbc:postgresql://mysqlserver\_IP/databaseName --username --password password --table datatable --hbase-create-table --hbase-table hbase\_tablename --column-family col\_fam\_name --hbase-row-key key\_col\_name

其中 ，databaseName 和datatable 是mysql的数据库和表名，hbase\_tablename是要导成hbase的表名，key\_col\_name可以指定datatable中哪一列作 为hbase新表的rowkey，col\_fam\_name是除rowkey之外的所有列的列族名

sqoop import --connect jdbc:postgresql://master:5432/postgres --username postgres --password postgres --table city --hbase-create-table --hbase-table demo.city --column-family cityinfo --hbase-row-key id

then you can check by Hbase shell

./hbase shell

scan ‘demo.city’

* Convert existing hbase to phoenix

CREATE TABLE “demo.city” (id BIGINT not null primary key, “countrycode” VARCHAR, “district” VARCHAR, “name” VARCHAR, “population” VARCHAR) default\_column\_family='cityinfo ';

DELETE table

drop talbe “demo.city”