HADOOP环境为hadoop2.2.0

下载的sqoop包为sqoop-1.99.3-bin-hadoop200,下载地址：

1.解压文件到工作目录:

tar -xzvf sqoop-1.99.3-bin-hadoop200.tar.gz

mv sqoop-1.99.3-bin-hadoop200 /usr/app/sqoop

2.修改环境变量：

vim /etc/profile

增加SQOOP主目录

export SQOOP\_HOME=/use/app/sqoop

export PATH=$PATH:$SQOOP\_HOME/bin

export CATALINA\_BASE=$SQOOP\_HOME/server

export LOGDIR=$SQOOP\_HOME/logs/

即时生效：

source /etc/profile

3.修改sqoop配置：

vi server/conf/sqoop.properties

将org.apache.sqoop.submission.engine.mapreduce.configuration.directory后面hadoop的位置修改为自己安装的hadoop配置文件位置，我的为:/usr/app/hadoop-2.2.0/etc/hadoop/

4.修改sqoop读取hadoop的jar包的路径：

vi /sqoop/server/conf/catalina.properties

将common.loader行后的/usr/lib/hadoop/lib/\*.jar改成自己的hadoop jar 包目录，我的为：

/usr/app/hadoop-2.2.0/share/hadoop/common/\*.jar,

/usr/app/hadoop-2.2.0/share/hadoop/common/lib/\*.jar,

/usr/app/hadoop-2.2.0/share/hadoop/hdfs/\*.jar,

/usr/app/hadoop-2.2.0/share/hadoop/hdfs/lib/\*.jar,

/usr/app/hadoop-2.2.0/share/hadoop/mapreduce/\*.jar,

/usr/app/hadoop-2.2.0/share/hadoop/mapreduce/lib/\*.jar,

/usr/app/hadoop-2.2.0/share/hadoop/tools/\*.jar,

/usr/app/hadoop-2.2.0/share/hadoop/tools/lib/\*.jar,

/usr/app/hadoop-2.2.0/share/hadoop/yarn/\*.jar,

/usr/app/hadoop-2.2.0/share/hadoop/yarn/lib/\*.jar

到此sqoop就基本配置完成可以直接运行./bin/sqoop.sh server start启动sqoop了

5.使用SQOOP：

启动SQOOP:

$./bin/sqoop.sh server start

停止SQOOP：

$./bin/sqoop.sh server stop

进入客户端交互模式:

$./bin/sqoop.sh client

Sqoop home directory: /usr/lib/sqoop

Sqoop Shell: Type 'help' or '\h' for help.

sqoop:000>

为客户端配置[服务器](http://www.68idc.cn/)：

sqoop:000> set server --host master --port 12000 --webapp sqoop

Server is set successfully

查看版本信息：

sqoop:000> show version --all

client version:

 Sqoop 1.99.3 revision 2404393160301df16a94716a3034e31b03e27b0b

 Compiled by mengweid on Fri Oct 18 14:15:53 EDT 2013

server version:

 Sqoop 1.99.3 revision 2404393160301df16a94716a3034e31b03e27b0b

 Compiled by mengweid on Fri Oct 18 14:15:53 EDT 2013

Protocol version:

 [1]

显示连接器：

sqoop:000> show connector --all

1 connector(s) to show:

Connector with id 1:

 Name: generic-jdbc-connector

 Class: org.apache.sqoop.connector.jdbc.GenericJdbcConnector

 Supported job types: [EXPORT, IMPORT]

...

创建数据库连接

sqoop:000> create connection --cid 1

Creating connection for connector with id 1

Please fill following values to create new connection object

Name: Mysql-H216

Connection configuration

JDBC Driver Class: com.mysql.jdbc.Driver

JDBC Connection String: jdbc:mysql://192.168.1.120:3306/test

Username: admin

Password: \*\*\*\*\*

JDBC Connection Properties:

There are currently 0 values in the map:

entry#

Security related configuration options

Max connections: 100

New connection was successfully created with validation status FINE and persistent id 1

创建导入任务

sqoop:000> create job --xid 1 --type import

Creating job for connection with id 1

Please fill following values to create new job object

Name: HeartBeat

Database configuration

Schema name: mic\_db\_out

Table name: t\_heart\_beat

Table SQL statement:

Table column names:

Partition column name:

Nulls in partition column:

Boundary query:

Output configuration

Storage type:

 0 : HDFS

Choose: 0

Output format:

 0 : TEXT\_FILE

 1 : SEQUENCE\_FILE

Choose: 0

Compression format:

 0 : NONE

 1 : DEFAULT

 2 : DEFLATE

 3 : GZIP

 4 : BZIP2

 5 : LZO

 6 : LZ4

 7 : SNAPPY

Choose: 0

Output directory: /user/jarcec/users

Throttling resources

Extractors:

Loaders:

New job was successfully created with validation status FINE  and persistent id 1

sqoop:000>

查看导入状态：

sqoop:000> status job --jid 1

Submission details

Job ID: 1

Server URL: :12000/sqoop/

Created by: dev

Creation date: 2014-04-19 18:54:25 CST

Lastly updated by: dev

External ID: job\_local1638775039\_0002

2014-04-19 18:54:50 CST: UNKNOWN

相关命令：

启动任务同步执行:start job --jid 1 -s

显示任务：status job --jid 1

显示所有任务：show job -a

停止任务：stop job --jid 1

克隆连接：clone connection --xid 1

克隆任务：clone job --jid 1

删除连接：delete connection --xid 1

本文出自 “小冯哥” 博客，，请务必保留此出处