

Sqoop 的安装及配置

一、Sqoop 的安装

1. 上传安装包至 apache@master 下的 package/目录下

```
[apache@master ~]$ cd package/  
[apache@master package]$ ls  
sqoop-1.4.6.bin__hadoop-2.0.4-alpha.tar.gz
```

2. 解压至/home/apache/soft/目录下

```
[apache@master package]$ tar -zxvf [PackageName] -C ~/soft
```

```
sqoop-1.4.6.bin__hadoop-2.0.4-alpha
```

3. 使用 mv 命令重命名成 sqoop

```
[apache@master soft]$ mv [OldName] sqoop
```

```
[apache@master soft]$ ll  
total 8  
drwxrwxr-x.  7 apache apache 183 Feb 28 02:15 flume  
drwxr-xr-x. 11 apache apache 193 Nov 27 06:45 hadoop  
drwxrwxr-x.  8 apache apache 159 Nov 27 06:46 hive  
drwxr-xr-x.  7 apache apache 245 Apr  1 2019 jdk  
drwxr-xr-x.  9 apache apache 4096 Dec 18 2017 sqoop
```

二、sqoop 的配置

1. 进入到 sqoop/conf 文件夹下,将 sqoop-env-template.sh 复制成 sqoop-env.sh

```
[apache@master soft]$ cd sqoop/conf/  
[apache@master conf]$ ls  
oraoop-site-template.xml  sqoop-env-template.cmd  sqoop-env-template.sh
```

```
[apache@master conf]$ cp sqoop-env-template.sh sqoop-env.sh
```

```
[apache@master conf]$ cp sqoop-env-template.sh sqoop-env.sh  
[apache@master conf]$ ls  
oraoop-site-template.xml  sqoop-env-template.cmd  sqoop-site  
sqoop-env.sh             sqoop-env-template.sh  sqoop-site
```

2. 编辑 sqoop-env.sh, 修改下列项

```
export HADOOP_COMMON_HOME=/home/apache/soft/hadoop  
export HADOOP_MAPRED_HOME=/home/apache/soft/hadoop  
export HIVE_HOME=/home/apache/soft/hive
```

```
#Set path to where bin/hadoop is available  
export HADOOP_COMMON_HOME=/home/apache/soft/hadoop  
  
#Set path to where hadoop*-core.jar is available  
export HADOOP_MAPRED_HOME=/home/apache/soft/hadoop
```

```
#Set the path to where bin/hive is available  
export HIVE_HOME=/home/apache/soft/hive
```

3. 将 sqoop 配置入全局变量文件/etc/profile 中（需 root 权限）

```
export SQOOP_HOME=/home/apache/soft/sqoop
export PATH=$PATH:$SQOOP_HOME/bin
```

```
[root@master conf]# source /etc/profile
```

4. 将 mysql 的驱动连接包上传至 sqoop/lib/目录下

```
[apache@master lib]$ pwd
/home/apache/soft/sqoop/lib
[apache@master lib]$ find . -name '*mysql*'
./mysql-connector-java-5.1.46.jar
```

三、 sqoop 测试

```
[apache@master ~]$ sqoop list-databases \
> -connect jdbc:mysql://localhost:3306 \
> --username root --password
```

```
information_schema
hivedb
mysql
performance_schema
sys
[apache@master ~]$
```