

大数据 作业 7

作业要求：通过命令行创建表：NewsWord(word STRING, count INT)，并将 Project1 需求 1 的输出导入到该表中，通过 HQL 语句查询出现次数超过 k 次的词语。

截图：

1. 启动 Hive

```
hadoop@ubuntu:~$ hive
SLF4J: Class path contains multiple SLF4J bindings.
SLF4J: Found binding in [jar:file:/home/hadoop/hive/lib/log4j-slf4j-impl-2.6.2.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: Found binding in [jar:file:/home/hadoop/hadoop/share/hadoop/common/lib/slf4j-log4j12-1.7.10.jar!/org/slf4j/impl/StaticLoggerBinder.class]
SLF4J: See http://www.slf4j.org/codes.html#multiple_bindings for an explanation.
SLF4J: Actual binding is of type [org.apache.logging.slf4j.Log4jLoggerFactory]

Logging initialized using configuration in file:/home/hadoop/hive/conf/hive-log4j2.properties Async: true
Java HotSpot(TM) Client VM warning: You have loaded library /home/hadoop/hadoop/lib/native/libhadoop.so.1.0.0 which might have disabled stack guard. The VM will try to fix the stack guard now.
It's highly recommended that you fix the library with 'execstack -c <libfile>', or link it with '-z noexecstack'.
Hive-on-MR is deprecated in Hive 2 and may not be available in the future versions. Consider using a different execution engine (i.e. spark, tez) or using Hive 1.X releases.
hive>
```

2. 创建表，并从本地导入 project1 需求 1 的输出

```
hive> load data local inpath 'home/hadoop/WordCountOutput' into table NewsWord;
FAILED: SemanticException Line 1:23 Invalid path ''home/hadoop/WordCountOutput': No files matching path file:/home/hadoop/hadoop/WordCountOutput
hive> load data local inpath 'WordCountOutput' into table NewsWord;
Loading data to table default.newsword
OK
Time taken: 4.284 seconds
hive>
```

3. 查看表

```
hive> select * from NewsWord;
OK
28275   公告
8449    提示
7183    板块
```

4. 查询次数超过 1000 次的词语

```
hive> select * from NewsWord where count>1000;
OK
28275 公告
8449 提示
7183 板块
7107 股东
6609 业绩
6292 涨停
5036 晚间
4178 投资
3533 资金
3499 控股
3038 行业
3022 减持
2890 今日
2886 增持
2877 年报
2806 科技股份
2726 中国
2668 年度
2625 交易
2622 增长
2550 净利
2317 集团股份
2299 资产
2260 股权
2133 中报
2093 股价
2072 利好
2031 股票
```