

执行关系数据源节点报错找不到驱动类

(本文仅供参考)

问题描述:

ETL直接抽取Hadoop-hive的表报错提示: 后台异常, 根据名称找不到类(驱动类), 但是在数据模型可以正常使用。

报错信息:

查看日志

```
2022-04-14 03:54:05.541 [516] INFO node.GenericNode.start:109 ~ Node start. (id:946a14f3-f17e-f953-a6dd-751961e4560, name: JDBC_DATASOURCE)
2022-04-14 03:54:05.563 [516] INFO datasource.JdbcDataSourceNode.execute:159 ~ dbtable: ( select 'unkey','loan_no','ps_perd_no','ps_dow_dt','ps_bill_dt','tbody_xrate','ps_instn_amt','ps_prop_amt','ps_norm_int_amt','ps_ed_int_amt','ps_conn_od_int','tbody_int_amt','ps_fee_amt','prod_prop_u
2022-04-14 03:54:05.565 [516] ERROR node.GenericNode.handleExecuteError:150 ~ Node execution failed. (id:946a14f3-f17e-f953-a6dd-751961e4560, name: JDBC_DATASOURCE)
smarthix.datamining.engine.execute.exception.CheckedException: 后台异常, 根据名称找不到类, 详细信息如下: org.apache.hive.jdbc.HiveDriver
    at smarthix.datamining.engine.datasource.DefaultDbExecutor.read(DefaultDbExecutor.java:40) ~[EngineCore-1.0.jar:?]
    at smarthix.datamining.engine.execute.node.datasource.JdbcDataSourceNode.execute(JdbcDataSourceNode.java:159) ~[EngineCommonNode-1.0.jar:?]
    at smarthix.datamining.engine.execute.node.GenericNode.start(GenericNode.java:119) [EngineCore-1.0.jar:?]
    at smarthix.datamining.engine.experiment.execute.node.LocalNodeExecutor.run(LocalNodeExecutor.java:47) [EngineExperiment-1.0.jar:?]
    at java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:511) [?:1.8.0_181]
    at java.util.concurrent.FutureTask.run(FutureTask.java:206) [?:1.8.0_181]
    at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1149) [?:1.8.0_181]
    at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:624) [?:1.8.0_181]
    at java.lang.Thread.run(Thread.java:748) [?:1.8.0_181]
Caused by: java.lang.ClassNotFoundException: org.apache.hive.jdbc.HiveDriver
    at java.net.URLClassLoader.findClass(URLClassLoader.java:381) [?:1.8.0_181]
    at java.lang.ClassLoader.loadClass(ClassLoader.java:424) [?:1.8.0_181]
    at sun.misc.Launcher$AppClassLoader.loadClass(Launcher.java:349) [?:1.8.0_181]
    at java.lang.ClassLoader.loadClass(ClassLoader.java:357) [?:1.8.0_181]
    at java.lang.Class.forName0(Native Method) [?:1.8.0_181]
    at java.lang.Class.forName(Class.java:264) [?:1.8.0_181]
    at smarthix.datamining.engine.datasource.DefaultDbExecutor.read(DefaultDbExecutor.java:38) ~[EngineCore-1.0.jar:?]
    ... 8 more
2022-04-14 03:54:05.607 [516] INFO Flow.DistributionFlow.fail:292 ~ Flow failed. (id:1c2818120018023f23f93cd018024747cd9001c, name: temp)
```

问题原因:

报错的原因是Hadoop_Hive使用的是自定义驱动, 数据引擎里并没有对应的驱动导致。

解决方案:

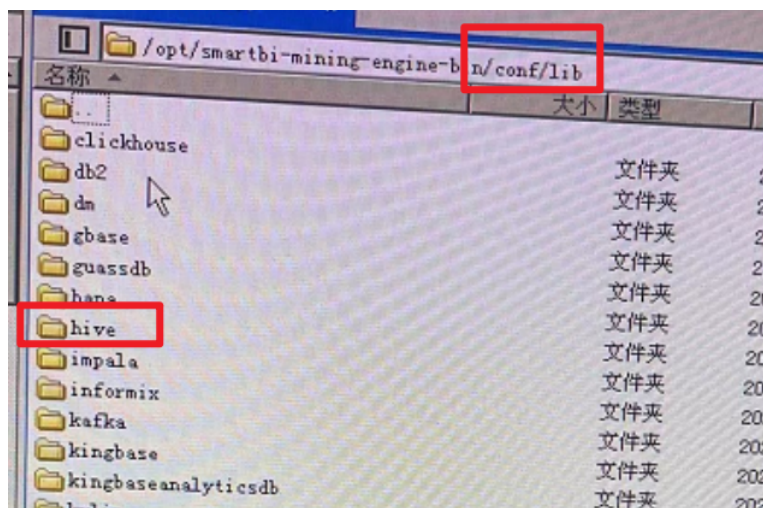
将驱动放入引擎config/lib的对应数据库类型目录下, 并重启引擎, 具体步骤如下:

1、例如当前文档中报错提示, 引擎中缺少hive驱动, 需要将hive驱动放到引擎config/lib对应的hive目录中

windows: .../SmartbiEngine/config/lib



linux: .../SmartbiEngine/conf/lib



2、重启引擎。

注：SmartbiEngine/engine/ext/java为系统内置驱动存放路径，不建议放在此处，更新挖掘引擎会被覆盖。