

Hello,

I am getting the error "package org.apache.hadoop.io does not exist" when trying to import using tsqoopimport from TOS for bigdata windows client to CDH 5.13 quickstart vm Hive database. Could you please help in resolving this.

I tried to set the environment variables in CDH but still the same issue continues. \$JAVA\_HOME is also set to JDK 1.7 path.

```
export HADOOP_HOME=/usr/lib/hadoop
export HADOOP_MAPRED_HOME=$HADOOP_HOME
export HADOOP_COMMON_HOME=$HADOOP_HOME
export HADOOP_HDFS_HOME=$HADOOP_HOME
export YARN_HOME=$HADOOP_HOME
export HADOOP_COMMON_LIB_NATIVE_DIR=$HADOOP_HOME/lib/native
export PATH=$PATH:$HADOOP_HOME/sbin:$HADOOP_HOME/bin
export HADOOP_INSTALL=$HADOOP_HOME
export CLASSPATH=/usr/lib/hadoop/client-0.20:/usr/lib/hive/lib
```

Error Log below :

Starting job Sqoop\_DB2\_to\_Hive at 15:05 09/10/2018.

[statistics] connecting to socket on port 3768

[statistics] connected

[WARN ]: org.apache.hadoop.util.NativeCodeLoader - Unable to load native-hadoop library for your platform... using builtin-java classes where applicable

[WARN ]: org.apache.sqoop.ConnFactory - \$SQOOP\_CONF\_DIR has not been set in the environment. Cannot check for additional configuration.

\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:7: error: package org.apache.hadoop.io does not exist

import org.apache.hadoop.io.BytesWritable;

^

\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:8: error: package org.apache.hadoop.io does not exist

import org.apache.hadoop.io.Text;

^

\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:9: error: package org.apache.hadoop.io does not exist

import org.apache.hadoop.io.Writable;

\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:159: error: cannot find symbol

equal = equal && (this.BUSINESS\_RULE\_ID == null ? that.BUSINESS\_RULE\_ID == null : this.BUSINESS\_RULE\_ID.equals(that.BUSINESS\_RULE\_ID));

^

symbol: variable this

location: class QueryResult

\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:159: error: package this does not exist

equal = equal && (this.BUSINESS\_RULE\_ID == null ? that.BUSINESS\_RULE\_ID == null : this.BUSINESS\_RULE\_ID.equals(that.BUSINESS\_RULE\_ID));

^

\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:160: error: cannot find symbol

equal = equal && (this.RULE\_VALUE == null ? that.RULE\_VALUE == null : this.RULE\_VALUE.equals(that.RULE\_VALUE));

^

symbol: variable this

location: class QueryResult

\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:160: error: package this does not exist

equal = equal && (this.RULE\_VALUE == null ? that.RULE\_VALUE == null : this.RULE\_VALUE.equals(that.RULE\_VALUE));

^

\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:161: error: cannot find symbol

equal = equal && (this.VALID\_RULE == null ? that.VALID\_RULE == null : this.VALID\_RULE.equals(that.VALID\_RULE));

^

symbol: variable this

location: class QueryResult

\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:161: error: package this does not exist

equal = equal && (this.VALID\_RULE == null ? that.VALID\_RULE == null : this.VALID\_RULE.equals(that.VALID\_RULE));

^  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:162: error: cannot find symbol  
equal = equal && (this.RULE\_COMMENT == null ? that.RULE\_COMMENT == null : this.RULE\_COMMENT.equals(that.RULE\_COMMENT));  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:162: error: package this does not exist  
equal = equal && (this.RULE\_COMMENT == null ? that.RULE\_COMMENT == null : this.RULE\_COMMENT.equals(that.RULE\_COMMENT));  
^  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:163: error: cannot find symbol  
equal = equal && (this.LAST\_MODIFIED == null ? that.LAST\_MODIFIED == null : this.LAST\_MODIFIED.equals(that.LAST\_MODIFIED));  
^  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:184: error: cannot find symbol  
this.\_\_cur\_result\_set = \_\_dbResults;  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:185: error: cannot find symbol  
this.INSTITUTION\_NUMBER = JdbcWritableBridge.readString(1, \_\_dbResults);  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:186: error: cannot find symbol  
this.BUSINESS\_RULE\_ID = JdbcWritableBridge.readInteger(2, \_\_dbResults);  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:187: error: cannot find symbol  
this.RULE\_VALUE = JdbcWritableBridge.readString(3, \_\_dbResults);  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:188: error: cannot find symbol  
this.VALID\_RULE = JdbcWritableBridge.readString(4, \_\_dbResults);  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:189: error: cannot find symbol  
this.RULE\_COMMENT = JdbcWritableBridge.readString(5, \_\_dbResults);  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:190: error: cannot find symbol  
this.LAST\_MODIFIED = JdbcWritableBridge.readTimestamp(6, \_\_dbResults);  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:193: error: cannot find symbol  
this.INSTITUTION\_NUMBER = JdbcWritableBridge.readString(1, \_\_dbResults);  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:194: error: cannot find symbol

```
this.BUSINESS_RULE_ID = JdbcWritableBridge.readInteger(2, __dbResults);
^
symbol: variable this
location: class QueryResult
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:195: error: cannot find symbol
this.RULE_VALUE = JdbcWritableBridge.readString(3, __dbResults);
^
symbol: variable this
location: class QueryResult
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:196: error: cannot find symbol
this.VALID_RULE = JdbcWritableBridge.readString(4, __dbResults);
^
symbol: variable this
location: class QueryResult
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:197: error: cannot find symbol
this.RULE_COMMENT = JdbcWritableBridge.readString(5, __dbResults);
^
symbol: variable this
location: class QueryResult
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:198: error: cannot find symbol
this.LAST_MODIFIED = JdbcWritableBridge.readTimestamp(6, __dbResults);
^
symbol: variable this
location: class QueryResult
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:228: error: cannot find symbol
this.readFields0(__dataIn); }
^
symbol: variable this
location: class QueryResult
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:231: error: cannot find symbol
this.INSTITUTION_NUMBER = null;
^
symbol: variable this
location: class QueryResult
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:233: error: cannot find symbol
this.INSTITUTION_NUMBER = Text.readString(__dataIn);
^
symbol: variable this
location: class QueryResult
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:233: error: cannot find symbol
this.INSTITUTION_NUMBER = Text.readString(__dataIn);
^
symbol: variable Text
location: class QueryResult
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:236: error: cannot find symbol
this.BUSINESS_RULE_ID = null;
^
symbol: variable this
location: class QueryResult
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:238: error: cannot find symbol
this.BUSINESS_RULE_ID = Integer.valueOf(__dataIn.readInt());
^
symbol: variable this
```

location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:241: error: cannot find symbol  
this.RULE\_VALUE = null;  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:243: error: cannot find symbol  
this.RULE\_VALUE = Text.readString(\_\_dataIn);  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:243: error: cannot find symbol  
this.RULE\_VALUE = Text.readString(\_\_dataIn);  
^  
symbol: variable Text  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:246: error: cannot find symbol  
this.VALID\_RULE = null;  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:248: error: cannot find symbol  
this.VALID\_RULE = Text.readString(\_\_dataIn);  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:248: error: cannot find symbol  
this.VALID\_RULE = Text.readString(\_\_dataIn);  
^  
symbol: variable Text  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:251: error: cannot find symbol  
this.RULE\_COMMENT = null;  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:253: error: cannot find symbol  
this.RULE\_COMMENT = Text.readString(\_\_dataIn);  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:253: error: cannot find symbol  
this.RULE\_COMMENT = Text.readString(\_\_dataIn);  
^  
symbol: variable Text  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:256: error: cannot find symbol  
this.LAST\_MODIFIED = null;  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:258: error: cannot find symbol  
this.LAST\_MODIFIED = new Timestamp(\_\_dataIn.readLong());

^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:259: error: package this does not exist  
this.LAST\_MODIFIED.setNanos(\_\_dataIn.readInt());  
^  
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:263: error: cannot find symbol  
if (null == this.INSTITUTION\_NUMBER) {  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:267: error: cannot find symbol  
Text.writeString(\_\_dataOut, INSTITUTION\_NUMBER);  
^  
symbol: variable Text  
location: class QueryResult  
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:269: error: cannot find symbol  
if (null == this.BUSINESS\_RULE\_ID) {  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:273: error: cannot find symbol  
\_\_dataOut.writeInt(this.BUSINESS\_RULE\_ID);  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:275: error: cannot find symbol  
if (null == this.RULE\_VALUE) {  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:279: error: cannot find symbol  
Text.writeString(\_\_dataOut, RULE\_VALUE);  
^  
symbol: variable Text  
location: class QueryResult  
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:281: error: cannot find symbol  
if (null == this.VALID\_RULE) {  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:285: error: cannot find symbol  
Text.writeString(\_\_dataOut, VALID\_RULE);  
^  
symbol: variable Text  
location: class QueryResult  
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:287: error: cannot find symbol  
if (null == this.RULE\_COMMENT) {  
^  
symbol: variable this  
location: class QueryResult  
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:291: error: cannot find symbol  
Text.writeString(\_\_dataOut, RULE\_COMMENT);

```
^
symbol: variable Text
location: class QueryResult
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:293: error: cannot find symbol
if (null == this.LAST_MODIFIED) {
^
symbol: variable this
location: class QueryResult
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:297: error: package this does not exist
__dataOut.writeLong(this.LAST_MODIFIED.getTime());
^
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:298: error: package this does not exist
__dataOut.writeInt(this.LAST_MODIFIED.getNanos());
^
\tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java:302: error: cannot find symbol
if (null == this.INSTITUTION_NUMBER) {
^

symbol: variable this
location: class QueryResult
Note: \tmp\sqoop-\compile\75e73e4f2f0b5ed6f15ac69adb84ce66\QueryResult.java uses or overrides a deprecated API.
Note: Recompile with -Xlint:deprecation for details.
100 errors
[ERROR]: org.apache.sqoop.tool.ImportTool - Import failed: java.io.IOException: Error returned by javac
at org.apache.sqoop.orm.CompilationManager.compile(CompilationManager.java:222)
at org.apache.sqoop.tool.CodeGenTool.generateORM(CodeGenTool.java:107)
at org.apache.sqoop.tool.ImportTool.importTable(ImportTool.java:494)
at org.apache.sqoop.tool.ImportTool.run(ImportTool.java:621)
at org.apache.sqoop.Sqoop.run(Sqoop.java:147)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:70)
at org.apache.sqoop.Sqoop.runSqoop(Sqoop.java:183)
at my_project.sqoop_db2_to_hive_0_1.Sqoop_DB2_to_Hive.tSqoopImport_1Process(Sqoop_DB2_to_Hive.java:489)
at my_project.sqoop_db2_to_hive_0_1.Sqoop_DB2_to_Hive.runJobInTOS(Sqoop_DB2_to_Hive.java:801)
at my_project.sqoop_db2_to_hive_0_1.Sqoop_DB2_to_Hive.main(Sqoop_DB2_to_Hive.java:644)
Exception in component tSqoopImport_1 (Sqoop_DB2_to_Hive)
java.lang.Exception: The Sqoop import job has failed. Please check the logs.
at my_project.sqoop_db2_to_hive_0_1.Sqoop_DB2_to_Hive.tSqoopImport_1Process(Sqoop_DB2_to_Hive.java:493)
at my_project.sqoop_db2_to_hive_0_1.Sqoop_DB2_to_Hive.runJobInTOS(Sqoop_DB2_to_Hive.java:801)
at my_project.sqoop_db2_to_hive_0_1.Sqoop_DB2_to_Hive.main(Sqoop_DB2_to_Hive.java:644)
[statistics] disconnected
Job Sqoop_DB2_to_Hive ended at 15:06 09/10/2018. [exit code=1]
```