

SQOOP-3474

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Contents

Chapter 1

Root issue SQOOP-3474

1.1 Summary

Sqoop import failed "java.lang.ClassNotFoundException: org.apache.commons.lang.StringUtils"

1.2 Description

```
$ sqoop list-databases --connect "jdbc:mysql://localhost:3306" --username root --password root
Warning: /usr/local/sqoop/../../hbase does not exist! HBase imports will fail.
Please set $HBASE_HOME to the root of your HBase installation.
Warning: /usr/local/sqoop/../../hcatalog does not exist! HCatalog jobs will fail.
Please set $HCAT_HOME to the root of your HCatalog installation.
Warning: /usr/local/sqoop/../../accumulo does not exist! Accumulo imports will fail.
Please set $ACCUMULO_HOME to the root of your Accumulo installation.
Warning: /usr/local/sqoop/../../zookeeper does not exist! Accumulo imports will fail.
Please set $ZOOKEEPER_HOME to the root of your Zookeeper installation.
/usr/local/hadoop/libexec/hadoop-functions.sh: line 2366: HADOOP_ORG.APACHE.SQOOP.SQOOP_USER:
bad substitution
/usr/local/hadoop/libexec/hadoop-functions.sh: line 2461: HADOOP_ORG.APACHE.SQOOP.SQOOP_OPTS:
bad substitution
2020-04-26 13:14:51,257 INFO sqoop.Sqoop: Running Sqoop version: 1.4.7
2020-04-26 13:14:51,393 WARN tool.BaseSqoopTool: Setting your password on the command-line
is insecure. Consider using -P instead.
2020-04-26 13:14:51,627 INFO manager.MySQLManager: Preparing to use a MySQL streaming
resultset.
Exception in thread "main" java.lang.NoClassDefFoundError: org/apache/commons/lang/StringUtils
at org.apache.sqoop.manager.MySQLManager.initOptionDefaults(MySQLManager.java:73)
at org.apache.sqoop.manager.SqlManager.<init>(SqlManager.java:89)
at com.cloudera.sqoop.manager.SqlManager.<init>(SqlManager.java:33)
at org.apache.sqoop.manager.GenericJdbcManager.<init>(GenericJdbcManager.java:51)
at com.cloudera.sqoop.manager.GenericJdbcManager.<init>(GenericJdbcManager.java:30)
at org.apache.sqoop.manager.CatalogQueryManager.<init>(CatalogQueryManager.java:46)
at com.cloudera.sqoop.manager.CatalogQueryManager.<init>(CatalogQueryManager.java:31)
at org.apache.sqoop.manager.InformationSchemaManager.<init>(InformationSchemaManager.java:38)
at com.cloudera.sqoop.manager.InformationSchemaManager.<init>(InformationSchemaManager.java:31)
at org.apache.sqoop.manager.MySQLManager.<init>(MySQLManager.java:65)
at org.apache.sqoop.manager.DefaultManagerFactory.accept(DefaultManagerFactory.java:67)
```

```

at org.apache.sqoop.ConnFactory.getManager(ConnFactory.java:184)
at org.apache.sqoop.tool.BaseSqoopTool.init(BaseSqoopTool.java:272)
at org.apache.sqoop.tool.ListDatabasesTool.run(ListDatabasesTool.java:44)
at org.apache.sqoop.Sqoop.run(Sqoop.java:147)
at org.apache.hadoop.util.ToolRunner.run(ToolRunner.java:76)
at org.apache.sqoop.Sqoop.runSqoop(Sqoop.java:183)
at org.apache.sqoop.Sqoop.runTool(Sqoop.java:234)
at org.apache.sqoop.Sqoop.runTool(Sqoop.java:243)
at org.apache.sqoop.Sqoop.main(Sqoop.java:252)
Caused by: java.lang.ClassNotFoundException: org.apache.commons.lang.StringUtils
at java.net.URLClassLoader.findClass(URLClassLoader.java:382)
at java.lang.ClassLoader.loadClass(ClassLoader.java:418)
at sun.misc.Launcher$AppClassLoader.loadClass(Launcher.java:355)
at java.lang.ClassLoader.loadClass(ClassLoader.java:351)
... 20 more

```

1.3 Attachments

No attachments

1.4 Comments

1. **Piroksha:** I have this problem too :(
2. **743294668:** Add the commons-lang-2.6.jar package to your Hadoop path, or put a copy under Sqoop/lib. The Hadoop version I use is 3.1.1. You can choose the jar package version according to your Hadoop version.
3. **sivaram5786:** I also faced this problem then i copied common-lang-2.6.jar file to sqoop/lib folder.

Now i am getting below error.

Exception in thread "main" java.lang.NoSuchMethodError: org.apache.commons.lang.StringUtils.isBlank(Ljava,

4. **743294668:** [~sivaram5786]

What version of Hadoop are you using? It seems to have encountered a jar package version conflict problem. Both commons-lang3-3.4.jar and commons-lang-2.6.jar exist in my sqoop/lib folder. I don't know if it is a problem with version 3.4.

5. **sivaram5786:** [~743294668]

I am using Hadoop 3.2.1 and Sqoop 1.4.7

```
hduser@ubuntu:/usr/local/sqoop/lib$ ls -lrt commons-lang*  
-rwxrwxrwx 1 hduser hadoop 434678 Dec 18 2017 commons-lang3-3.4.jar_bkp  
-rwxrwxrwx 1 hduser hadoop 192535 Sep 15 00:22 commons-lang-2.6.jar
```

Error Log:

```
hduser@ubuntu:/usr/local/sqoop/lib$ sqoop list-databases --connect jdbc:mysql://localhost:3306  
--username root -P
```

Warning: /usr/local/sqoop/../../hbase does not exist! HBase imports will fail.

Please set \$HBASE_HOME to the root of your HBase installation.

Warning: /usr/local/sqoop/../../hcatalog does not exist! HCatalog jobs will fail.

Please set \$HCAT_HOME to the root of your HCatalog installation.

Warning: /usr/local/sqoop/../../accumulo does not exist! Accumulo imports will fail.

Please set \$ACCUMULO_HOME to the root of your Accumulo installation.

Warning: /usr/local/sqoop/../../zookeeper does not exist! Accumulo imports will fail.

Please set \$ZOOKEEPER_HOME to the root of your Zookeeper installation.

```
/usr/local/hadoop/libexec/hadoop-functions.sh: line 2366: HADOOP_ORG.APACHE.SQOOP.SQOOP_USER:  
invalid variable name
```

```
/usr/local/hadoop/libexec/hadoop-functions.sh: line 2461: HADOOP_ORG.APACHE.SQOOP.SQOOP_OPTS:  
invalid variable name
```

2020-09-23 02:53:08,869 INFO sqoop.Sqoop: Running Sqoop version: 1.4.7

Enter password:

2020-09-23 02:53:12,126 INFO manager.MySQLManager: Preparing to use a MySQL streaming resultset.

Exception in thread "main" java.lang.NoSuchMethodError: org.apache.commons.lang.StringUtils.isBlank(Ljava/lang/String;)Z
at org.apache.sqoop.manager.MySQLManager.initOptionDefaults(MySQLManager.java:73)

at org.apache.sqoop.manager.SqlManager.<init>(SqlManager.java:89)
at com.cloudera.sqoop.manager.SqlManager.<init>(SqlManager.java:33)
at org.apache.sqoop.manager.GenericJdbcManager.<init>(GenericJdbcManager.java:51)
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at org.apache.sqoop.Sqoop.runTool(Sqoop.java:243)
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