

Hi,

I am using a HDP-3.0 cluster with Talend open studio for big data 7.1.1. I am running a simple tSqoopImport flow that contains only tSqoopImport component. I am getting the following error:

```
2019-03-18 18:29:50,760 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: attempt_1552907979851_00
2019-03-18 18:29:50,762 INFO [ContainerLauncher #0] org.apache.hadoop.mapreduce.v2.app.launcher.ContainerLauncherImpl: Processing the event EventT
2019-03-18 18:29:50,762 INFO [ContainerLauncher #1] org.apache.hadoop.mapreduce.v2.app.launcher.ContainerLauncherImpl: Processing the event EventT
2019-03-18 18:29:50,762 INFO [ContainerLauncher #2] org.apache.hadoop.mapreduce.v2.app.launcher.ContainerLauncherImpl: Processing the event EventT
2019-03-18 18:29:50,763 INFO [ContainerLauncher #3] org.apache.hadoop.mapreduce.v2.app.launcher.ContainerLauncherImpl: Processing the event EventT
2019-03-18 18:29:50,766 INFO [ContainerLauncher #0] org.apache.hadoop.mapreduce.v2.app.launcher.ContainerLauncherImpl: Launching attempt_155290797
2019-03-18 18:29:50,766 INFO [ContainerLauncher #2] org.apache.hadoop.mapreduce.v2.app.launcher.ContainerLauncherImpl: Launching attempt_155290797
2019-03-18 18:29:50,766 INFO [ContainerLauncher #1] org.apache.hadoop.mapreduce.v2.app.launcher.ContainerLauncherImpl: Launching attempt_155290797
2019-03-18 18:29:50,766 INFO [ContainerLauncher #3] org.apache.hadoop.mapreduce.v2.app.launcher.ContainerLauncherImpl: Launching attempt_155290797
2019-03-18 18:29:50,887 INFO [ContainerLauncher #3] org.apache.hadoop.mapreduce.v2.app.launcher.ContainerLauncherImpl: Shuffle port returned by Co
2019-03-18 18:29:50,889 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: TaskAttempt: [attempt_15
2019-03-18 18:29:50,892 INFO [ContainerLauncher #2] org.apache.hadoop.mapreduce.v2.app.launcher.ContainerLauncherImpl: Shuffle port returned by Co
2019-03-18 18:29:50,893 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: attempt_1552907979851_00
2019-03-18 18:29:50,894 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.speculate.DefaultSpeculator: ATTEMPT_START task_15
2019-03-18 18:29:50,894 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskImpl: task_1552907979851_0007_m_00000
2019-03-18 18:29:50,894 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: TaskAttempt: [attempt_15
2019-03-18 18:29:50,894 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: attempt_1552907979851_00
2019-03-18 18:29:50,894 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.speculate.DefaultSpeculator: ATTEMPT_START task_15
2019-03-18 18:29:50,895 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskImpl: task_1552907979851_0007_m_00000
2019-03-18 18:29:50,899 INFO [ContainerLauncher #0] org.apache.hadoop.mapreduce.v2.app.launcher.ContainerLauncherImpl: Shuffle port returned by Co
2019-03-18 18:29:50,899 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: TaskAttempt: [attempt_15
2019-03-18 18:29:50,899 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: attempt_1552907979851_00
2019-03-18 18:29:50,899 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.speculate.DefaultSpeculator: ATTEMPT_START task_15
2019-03-18 18:29:50,899 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskImpl: task_1552907979851_0007_m_00000
2019-03-18 18:29:50,960 INFO [ContainerLauncher #1] org.apache.hadoop.mapreduce.v2.app.launcher.ContainerLauncherImpl: Shuffle port returned by Co
2019-03-18 18:29:50,960 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: TaskAttempt: [attempt_15
2019-03-18 18:29:50,961 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: attempt_1552907979851_00
2019-03-18 18:29:50,961 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.speculate.DefaultSpeculator: ATTEMPT_START task_15
2019-03-18 18:29:50,961 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskImpl: task_1552907979851_0007_m_00000
2019-03-18 18:29:51,652 INFO [RMCommunicator Allocator] org.apache.hadoop.mapreduce.v2.app.rm.RMContainerRequestor: getResources() for applicator
2019-03-18 18:29:51,652 INFO [RMCommunicator Allocator] org.apache.hadoop.mapreduce.v2.app.rm.RMContainerAllocator: Received completed container c
2019-03-18 18:29:51,653 INFO [RMCommunicator Allocator] org.apache.hadoop.mapreduce.v2.app.rm.RMContainerAllocator: Received completed container c
2019-03-18 18:29:51,653 INFO [RMCommunicator Allocator] org.apache.hadoop.mapreduce.v2.app.rm.RMContainerAllocator: Received completed container c
2019-03-18 18:29:51,653 INFO [RMCommunicator Allocator] org.apache.hadoop.mapreduce.v2.app.rm.RMContainerAllocator: After Scheduling: PendingReds:
2019-03-18 18:29:51,653 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: Diagnostics report from
Container id: container_e19_1552907979851_0007_01_000005
Exit code: 1
```

```
[2019-03-18 18:29:51.189]Container exited with a non-zero exit code 1. Error file: prelaunch.err.
Last 4096 bytes of prelaunch.err :
Last 4096 bytes of stderr :
Error: Could not find or load main class org.apache.hadoop.mapred.YarnChild
```

```
[2019-03-18 18:29:51.191]Container exited with a non-zero exit code 1. Error file: prelaunch.err.
Last 4096 bytes of prelaunch.err :
Last 4096 bytes of stderr :
Error: Could not find or load main class org.apache.hadoop.mapred.YarnChild
```

```
2019-03-18 18:29:51,660 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: attempt_1552907979851_0007_01_000004
2019-03-18 18:29:51,661 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: Diagnostics report from
Container id: container_e19_1552907979851_0007_01_000004
Exit code: 1
```

```
[2019-03-18 18:29:51.403]Container exited with a non-zero exit code 1. Error file: prelaunch.err.
Last 4096 bytes of prelaunch.err :
Last 4096 bytes of stderr :
Error: Could not find or load main class org.apache.hadoop.mapred.YarnChild
```

```
[2019-03-18 18:29:51.405]Container exited with a non-zero exit code 1. Error file: prelaunch.err.
Last 4096 bytes of prelaunch.err :
Last 4096 bytes of stderr :
Error: Could not find or load main class org.apache.hadoop.mapred.YarnChild
```

```
2019-03-18 18:29:51,661 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: attempt_1552907979851_0007_01_000003
2019-03-18 18:29:51,661 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: Diagnostics report from
Container id: container_e19_1552907979851_0007_01_000003
Exit code: 1
```

```
[2019-03-18 18:31:45.437]Container exited with a non-zero exit code 1. Error file: prelaunch.err.
Last 4096 bytes of prelaunch.err :
Last 4096 bytes of stderr :
Error: Could not find or load main class org.apache.hadoop.mapred.YarnChild
```

```
[2019-03-18 18:31:45.438]Container exited with a non-zero exit code 1. Error file: prelaunch.err.
Last 4096 bytes of prelaunch.err :
Last 4096 bytes of stderr :
Error: Could not find or load main class org.apache.hadoop.mapred.YarnChild
```

I think this means that the container is unable to find mapreduce jars. I have checked config files and verified that mapreduce home directory is at the path specified in logs above - which is:

```
export HADOOP_CLASSPATH="$PWD:job.jar/job.jar:job.jar/classes/:job.jar/lib/*:$PWD/*:null"
```

```
export CLASSPATH="$PWD:$HADOOP_CONF_DIR:/usr/hdp/current/hadoop-client/*:/usr/hdp/current/hadoop-client/lib/*:/usr/hdp/current/hadoop-hdfs-client/*"
export TIMELINE_FLOW_RUN_ID_TAG="1552914120793"
```

before this, I was facing the `${hdp.version}` substitution error - Unable to parse `'/hdp/apps/${hdp.version}/mapreduce/mapreduce.tar.gz#mr-framework'` as a URI, check the setting for `mapreduce.application.framework.path`

I resolved that by adding custom property **hdp.version** with value 3.0.1.0-187 in MapReduce2>configs>custom mapred-site

Please help, I spent all day on this issue!