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Hadoop Map/Reduce / MAPREDUCE-3856

Instances of RunningJob class givs incorrect job tracking urls when mutiple jobs are submitted from same client jvm.

Details

Type: □ Bug Status: CLOSED

Priority: ♠ Critical Resolution: Fixed

Affects Version/s: 0.23.0 Fix Version/s: 0.23.1

Component/s: mrv2
Labels: None
Hadoop Flags: Reviewed

Description

When multiple jobs are submitted from the same client JVM, each call to RunningJob.getTrackingURL() always returns the tracking URL from the first job.

This happens even if the jobs are submitted and the client waits for the job to complete before submitting the subsequent job. Each job runs fine and is definitely a new, unique job, but the call to getTrackingURL() still returns the URL for the first job.

Attachments

■ MAPREDUCE-3856-1.txt

5 kB

15/Feb/12 19:14

Activity

Eric Payne added a comment - 14/Feb/12 21:33

I ran a basic mapred program. The program schedules multilple mapred jobs one after another and prints the tracking ID. The tracking ID comes out to be the same for all the jobs submitted.

Submit the following pseudo code in a loop and the tracking URL will always be the same:

```
// Loop 1 to 10: {
  job = new Job(conf, "tracking url" + i);
  // ... set up job params ...
  job.submit();
  System.out.println(job.getJobID() + " : " + job.getTrackingURL());
  job.waitForCompletion(true);
// End Loop }
```

The above will print out something similar to:

```
job_CLUSTERID_0001 : http://HOST:PORT/proxy/application_CLUSTERID_0001/
job_CLUSTERID_0002 : http://HOST:PORT/proxy/application_CLUSTERID_0001/
...
job_CLUSTERID_0010 : http://HOST:PORT/proxy/application_CLUSTERID_0001/
```

Eric Payne added a comment - 15/Feb/12 19:14

ClientServiceDelegage was not re-initializing notRunningJobs for every new JobID even though the constructor for ClientServiceDelegate was being called for each new JobID.

▼ ○ Eric Payne added a comment - 15/Feb/12 19:15

Patch applies the same to both branch-0.23 and trunk.

▼ ○ Hadoop QA added a comment - 15/Feb/12 20:15

+1 overall. Here are the results of testing the latest attachment http://issues.apache.org/jira/secure/attachment/12514685/MAPREDUCE-3856-1.txt against trunk revision .

- +1 @author. The patch does not contain any @author tags.
- +1 tests included. The patch appears to include 3 new or modified tests.
- +1 javadoc. The javadoc tool did not generate any warning messages.
- +1 javac. The applied patch does not increase the total number of javac compiler warnings.
- +1 eclipse:eclipse. The patch built with eclipse:eclipse.
- +1 findbugs. The patch does not introduce any new Findbugs (version 1.3.9) warnings.
- +1 release audit. The applied patch does not increase the total number of release audit warnings.
- +1 core tests. The patch passed unit tests in .
- +1 contrib tests. The patch passed contrib unit tests.

Test results: https://builds.apache.org/job/PreCommit-MAPREDUCE-Build/1865//testReport/Console output: https://builds.apache.org/job/PreCommit-MAPREDUCE-Build/1865//console

This message is automatically generated.

- Siddharth Seth added a comment 17/Feb/12 00:51
 - +1. Looks good. Will commit the patch shortly.
- Siddharth Seth added a comment 17/Feb/12 01:03

Committed to trunk and branch-0.23. Thanks Eric.

Hudson added a comment - 17/Feb/12 01:07

Integrated in Hadoop-Common-trunk-Commit #1739 (See https://builds.apache.org/job/Hadoop-Common-trunk-Commit/1739/)

MAPREDUCE 3856. Instances of RunningJob class givs incorrect job tracking urls when mutiple jobs are submitted from same client jvm. (Contributed by Eric Payne) (Revision 1245276)

Result = SUCCESS

sseth: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245276

Files:

- /hadoop/common/trunk/hadoop-mapreduce-project/CHANGES.txt
- /hadoop/common/trunk/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/main/java/org/apache/hadoop/mapred/ClientServiceDelegate.java
- /hadoop/common/trunk/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/test/java/org/apache/hadoop/mapreduce/v2/TestMRJobs.java
- ✓ O Hudson added a comment 17/Feb/12 01:11

Integrated in Hadoop-Hdfs-trunk-Commit #1813 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk-Commit/1813/)

MAPREDUCE 3856. Instances of RunningJob class givs incorrect job tracking urls when mutiple jobs are submitted from same client jvm. (Contributed by Eric Payne) (Revision 1245276)

Result = SUCCESS

sseth: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245276 Files:

- /hadoop/common/trunk/hadoop-mapreduce-project/CHANGES.txt
- /hadoop/common/trunk/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/main/java/org/apache/hadoop/mapred/ClientServiceDelegate.java
- /hadoop/common/trunk/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/test/java/org/apache/hadoop/mapreduce/v2/TestMRJobs.java
- ▼ Hudson added a comment 17/Feb/12 01:15

Integrated in Hadoop-Hdfs-0.23-Commit #550 (See https://builds.apache.org/job/Hadoop-Hdfs-0.23-Commit/550/) merge MAPREDUCE-3856 from trunk (Revision 1245277)

Result = SUCCESS

sseth: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245277

Files :

- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/main/java/org/apache/hadoop/mapred/ClientServiceDelegate.java
- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/test/java/org/apache/hadoop/mapreduce/v2/TestMRJobs.java

✓ ○ Hudson added a comment - 17/Feb/12 01:20

Integrated in Hadoop-Common-0.23-Commit #563 (See https://builds.apache.org/job/Hadoop-Common-0.23-Commit/563/) merge MAPREDUCE 3856 from trunk (Revision 1245277)

Result = SUCCESS

sseth: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245277

Files:

- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/main/java/org/apache/hadoop/mapred/ClientServiceDelegate.java
- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/test/java/org/apache/hadoop/mapreduce/v2/TestMRJobs.java

Hudson added a comment - 17/Feb/12 01:47

Integrated in Hadoop-Mapreduce-trunk-Commit #1751 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk-Commit/1751/)

MAPREDUCE 3856. Instances of RunningJob class givs incorrect job tracking urls when mutiple jobs are submitted from same client jvm. (Contributed by Eric Payne) (Revision 1245276)

Result = ABORTED

sseth: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245276

Files:

- /hadoop/common/trunk/hadoop-mapreduce-project/CHANGES.txt
- /hadoop/common/trunk/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-clientjobclient/src/main/java/org/apache/hadoop/mapred/ClientServiceDelegate.java
- /hadoop/common/trunk/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/test/java/org/apache/hadoop/mapreduce/v2/TestMRJobs.java

▼ ○ Hudson added a comment - 17/Feb/12 01:57

Integrated in Hadoop-Mapreduce-0.23-Commit #566 (See https://builds.apache.org/job/Hadoop-Mapreduce-0.23-Commit/566/) merge MAPREDUCE 3856 from trunk (Revision 1245277)

Result = ABORTED

sseth: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245277

Files:

- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/main/java/org/apache/hadoop/mapred/ClientServiceDelegate.java
- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/test/java/org/apache/hadoop/mapreduce/v2/TestMRJobs.java

▼ ○ Hudson added a comment - 17/Feb/12 12:45

Integrated in Hadoop-Hdfs-0.23-Build #171 (See https://builds.apache.org/job/Hadoop-Hdfs-0.23-Build/171/) merge MAPREDUCE 3856 from trunk (Revision 1245277)

Result = SUCCESS

sseth: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245277

Files:

- $\bullet \ \ / hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/CHANGES.txt$
- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/main/java/org/apache/hadoop/mapred/ClientServiceDelegate.java

[MAPREDUCE-3856] Instances of RunningJob class givs incorrect job tracking urls when mutiple jobs are submitted from same client jvm. - A...

/hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/test/java/org/apache/hadoop/mapreduce/v2/TestMRJobs.java

Hudson added a comment - 17/Feb/12 12:50

Integrated in Hadoop-Hdfs-trunk #958 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk/958/)

MAPREDUCE-3856. Instances of RunningJob class givs incorrect job tracking urls when mutiple jobs are submitted from same client jvm. (Contributed by Eric Payne) (Revision 1245276)

Result = SUCCESS

sseth: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245276

Files:

- /hadoop/common/trunk/hadoop-mapreduce-project/CHANGES.txt
- /hadoop/common/trunk/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/main/java/org/apache/hadoop/mapred/ClientServiceDelegate.java
- /hadoop/common/trunk/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/test/java/org/apache/hadoop/mapreduce/v2/TestMRJobs.java
- ▼ Hudson added a comment 17/Feb/12 13:20

Integrated in Hadoop-Mapreduce-0.23-Build #199 (See https://builds.apache.org/job/Hadoop-Mapreduce-0.23-Build/199/) merge MAPREDUCE-3856 from trunk (Revision 1245277)

Result = FAILURE

sseth: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245277

Files:

- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/CHANGES.txt
- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/main/java/org/apache/hadoop/mapred/ClientServiceDelegate.java
- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/test/java/org/apache/hadoop/mapreduce/v2/TestMRJobs.java
- O Hudson added a comment 17/Feb/12 13:54

Integrated in Hadoop-Mapreduce-trunk #993 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk/993/)

MAPREDUCE 3856. Instances of RunningJob class givs incorrect job tracking urls when mutiple jobs are submitted from same client jvm. (Contributed by Eric Payne) (Revision 1245276)

Result = SUCCESS

sseth: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245276

Files:

- /hadoop/common/trunk/hadoop-mapreduce-project/CHANGES.txt
- /hadoop/common/trunk/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/main/java/org/apache/hadoop/mapred/ClientServiceDelegate.java
- /hadoop/common/trunk/hadoop-mapreduce-project/hadoop-mapreduce-client/hadoop-mapreduce-client-jobclient/src/test/java/org/apache/hadoop/mapreduce/v2/TestMRJobs.java
- Eric Payne added a comment 17/Feb/12 15:02

Thanks very much, Sid!

Amol Kekre added a comment - 17/Feb/12 16:51

We need this in .23.1

Hudson added a comment - 18/Feb/12 02:26

Integrated in Hadoop-Hdfs-trunk-Commit #1823 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk-Commit/1823/)

MAPREDUCE-3856. Committing to 0.23.1. (Revision 1245840)

Result = SUCCESS

acmurthy: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245840

Files:

• /hadoop/common/trunk/hadoop-mapreduce-project/CHANGES.txt

✓ O Hudson added a comment - 18/Feb/12 02:27

Integrated in Hadoop-Common-trunk-Commit #1749 (See https://builds.apache.org/job/Hadoop-Common-trunk-Commit/1749/)

MAPREDUCE-3856. Committing to 0.23.1. (Revision 1245840)

Result = SUCCESS

acmurthy: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245840

/hadoop/common/trunk/hadoop-mapreduce-project/CHANGES.txt

▼ ○ Hudson added a comment - 18/Feb/12 02:41

Integrated in Hadoop-Common-0.23-Commit #571 (See https://builds.apache.org/job/Hadoop-Common-0.23-Commit/571/)

MAPREDUCE 3856. Committing to 0.23.1. (Revision 1245842)

Result = SUCCESS

acmurthy: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245842

/hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/CHANGES.txt

▼ ○ Hudson added a comment - 18/Feb/12 02:46

Integrated in Hadoop-Hdfs-0.23-Commit #558 (See https://builds.apache.org/job/Hadoop-Hdfs-0.23-Commit/558/) MAPREDUCE-3856. Committing to 0.23.1. (Revision 1245842)

Result = SUCCESS

acmurthy: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245842 Files:

- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/CHANGES.txt
- Hudson added a comment 18/Feb/12 03:42

Integrated in Hadoop-Mapreduce-trunk-Commit #1761 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk-Commit/1761/)

MAPREDUCE 3856. Committing to 0.23.1. (Revision 1245840)

Result = ABORTED

acmurthy: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245840 Files:

- /hadoop/common/trunk/hadoop-mapreduce-project/CHANGES.txt
- ▼ Hudson added a comment 18/Feb/12 03:43

Integrated in Hadoop-Mapreduce-0.23-Commit #574 (See https://builds.apache.org/job/Hadoop-Mapreduce-0.23-Commit/574/) MAPREDUCE-3856. Committing to 0.23.1. (Revision 1245842)

Result = ABORTED

acmurthy: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245842 Files:

- /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/CHANGES.txt
- Arun Murthy added a comment 18/Feb/12 07:07

Merged to 0.23.1 too.

▼ ○ Hudson added a comment - 18/Feb/12 12:40

Integrated in Hadoop-Hdfs-trunk #959 (See https://builds.apache.org/job/Hadoop-Hdfs-trunk/959/) MAPREDUCE 3856. Committing to 0.23.1. (Revision 1245840)

Result = SUCCESS

acmurthy: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245840 Files:

• /hadoop/common/trunk/hadoop-mapreduce-project/CHANGES.txt

➤ O Hudson added a comment - 18/Feb/12 13:02

Integrated in Hadoop-Hdfs-0.23-Build #172 (See https://builds.apache.org/job/Hadoop-Hdfs-0.23-Build/172/) MAPREDUCE 3856. Committing to 0.23.1. (Revision 1245842)

Result = SUCCESS

acmurthy: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245842 Files:

• /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/CHANGES.txt

▼ ○ Hudson added a comment - 18/Feb/12 13:54

Integrated in Hadoop-Mapreduce-0.23-Build #200 (See https://builds.apache.org/job/Hadoop-Mapreduce-0.23-Build/200/)

MAPREDUCE 3856. Committing to 0.23.1. (Revision 1245842)

Result = FAILURE

acmurthy: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245842

Files:

• /hadoop/common/branches/branch-0.23/hadoop-mapreduce-project/CHANGES.txt

➤ O Hudson added a comment - 18/Feb/12 13:55

Integrated in Hadoop-Mapreduce-trunk #994 (See https://builds.apache.org/job/Hadoop-Mapreduce-trunk/994/)

MAPREDUCE 3856. Committing to 0.23.1. (Revision 1245840)

Result = SUCCESS

acmurthy: http://svn.apache.org/viewcvs.cgi/?root=Apache-SVN&view=rev&rev=1245840

Files ·

• /hadoop/common/trunk/hadoop-mapreduce-project/CHANGES.txt

People

Assignee:



Reporter:



Votes:

Vote for this issue

Watchers:

4 Start watching this issue

∨ Dates

Created:

13/Feb/12 16:33

Updated:

05/Mar/12 02:49

Resolved:

17/Feb/12 01:03