

z2-Environment - Bug #1027

Running MR job on /mt-admin fails

09.04.2013 17:25 - Udo Offermann

Status:	Closed	Start date:	09.04.2013
Priority:	Normal	Due date:	
Assignee:	Henning Blohm	% Done:	100%
Category:	z2-addon-hadoop	Estimated time:	0.00 hour
Target version:			
origin:			
Description			
<pre>2013-04-09 17:10:48,844 FATAL [IPC Server handler 4 on 61241] org.apache.hadoop.mapred.TaskAttemptListenerImpl: Task: attempt_1365436923337_0001_m_000000_0 - exited : java.lang.RuntimeException: Failed to init Z2 process at com.zfabrik.hadoop.impl.HadoopProcessRunner.start (HadoopProcessRunner.java:226) at com.zfabrik.hadoop.impl.DelegatingMapper.setConf (DelegatingMapper.java:33) at org.apache.hadoop.util.ReflectionUtils.setConf (ReflectionUtils.java:70) at org.apache.hadoop.util.ReflectionUtils.newInstance (ReflectionUtils.java:130) at org.apache.hadoop.mapred.MapTask.runNewMapper (MapTask.java:685) at org.apache.hadoop.mapred.MapTask.run (MapTask.java:332) at org.apache.hadoop.mapred.YarnChild\$2.run (YarnChild.java:152) at java.security.AccessController.doPrivileged (Native Method) at javax.security.auth.Subject.doAs (Subject.java:396) at org.apache.hadoop.security.UserGroupInformation.doAs (UserGroupInformation.java:1232) at org.apache.hadoop.mapred.YarnChild.main (YarnChild.java:147) Caused by: java.lang.RuntimeException: work failed at com.zfabrik.hadoop.impl.HadoopProcessRunner.work (HadoopProcessRunner.java:256) at com.zfabrik.hadoop.impl.HadoopProcessRunner.work (HadoopProcessRunner.java:244) at com.zfabrik.hadoop.impl.HadoopProcessRunner.start (HadoopProcessRunner.java:212) ... 10 more Caused by: java.lang.reflect.InvocationTargetException at sun.reflect.NativeMethodAccessorImpl.invoke0 (Native Method) at sun.reflect.NativeMethodAccessorImpl.invoke (NativeMethodAccessorImpl.java:39) at sun.reflect.DelegatingMethodAccessorImpl.invoke (DelegatingMethodAccessorImpl.java:25) at java.lang.reflect.Method.invoke (Method.java:597) at com.zfabrik.hadoop.impl.HadoopProcessRunner.work (HadoopProcessRunner.java:254) ... 12 more Caused by: java.lang.IllegalArgumentException: Failed to retrieve job component com.gi-de.samples.moneytracker.analytics.jobs/aggregations at com.zfabrik.hadoop.impl.HadoopProcessRunner\$1.run (HadoopProcessRunner.java:218) at com.zfabrik.work.WorkUnit.work (WorkUnit.java:344) at com.zfabrik.impl.launch.ProcessRunnerImpl.work (ProcessRunnerImpl.java:243) ... 17 more Caused by: javax.naming.NoInitialContextException: Need to specify class name in environment or system property, or as an applet parameter, or in an application resource file: java.naming.factory.initial at javax.naming.spi.NamingManager.getInitialContext (NamingManager.java:645) at javax.naming.InitialContext.getDefaultInitCtx (InitialContext.java:288) at javax.naming.InitialContext.getURLOrDefaultInitCtx (InitialContext.java:325) at javax.naming.InitialContext.lookup (InitialContext.java:392) at com.zfabrik.hadoop.impl.HadoopProcessRunner\$1.run (HadoopProcessRunner.java:215) ... 19 more 2013-04-09 17:10:48,844 INFO [IPC Server handler 4 on 61241] org.apache.hadoop.mapred.TaskAttemptListenerImpl: Diagnostics report from attempt_1365436923337_0001_m_000000_0: Error: java.lang.RuntimeException: Failed to init Z2 process at com.zfabrik.hadoop.impl.HadoopProcessRunner.start (HadoopProcessRunner.java:226) at com.zfabrik.hadoop.impl.DelegatingMapper.setConf (DelegatingMapper.java:33) at org.apache.hadoop.util.ReflectionUtils.setConf (ReflectionUtils.java:70) at org.apache.hadoop.util.ReflectionUtils.newInstance (ReflectionUtils.java:130) at org.apache.hadoop.mapred.MapTask.runNewMapper (MapTask.java:685) at org.apache.hadoop.mapred.MapTask.run (MapTask.java:332)</pre>			

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at org.apache.hadoop.mapred.YarnChild$2.run(YarnChild.java:152)
at java.security.AccessController.doPrivileged(Native Method)
at javax.security.auth.Subject.doAs(Subject.java:396)
at org.apache.hadoop.security.UserGroupInformation.doAs(UserGroupInformation.java:1232)
at org.apache.hadoop.mapred.YarnChild.main(YarnChild.java:147)
Caused by: java.lang.RuntimeException: work failed
at com.zfabrik.hadoop.impl.HadoopProcessRunner.work(HadoopProcessRunner.java:256)
at com.zfabrik.hadoop.impl.HadoopProcessRunner.work(HadoopProcessRunner.java:244)
at com.zfabrik.hadoop.impl.HadoopProcessRunner.start(HadoopProcessRunner.java:212)
... 10 more
Caused by: java.lang.reflect.InvocationTargetException
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:39)
at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25)
at java.lang.reflect.Method.invoke(Method.java:597)
at com.zfabrik.hadoop.impl.HadoopProcessRunner.work(HadoopProcessRunner.java:254)
... 12 more
Caused by: java.lang.IllegalArgumentException: Failed to retrieve job component com.gi-de.samples.moneytracker.analytics.jobs/aggregations
at com.zfabrik.hadoop.impl.HadoopProcessRunner$1.run(HadoopProcessRunner.java:218)
at com.zfabrik.work.WorkUnit.work(WorkUnit.java:344)
at com.zfabrik.impl.launch.ProcessRunnerImpl.work(ProcessRunnerImpl.java:243)
... 17 more
Caused by: javax.naming.NoInitialContextException: Need to specify class name in environment or system property, or as an applet parameter, or in an application resource file: java.naming.factory.initial
at javax.naming.spi.NamingManager.getInitialContext(NamingManager.java:645)
at javax.naming.InitialContext.getDefaultInitCtx(InitialContext.java:288)
at javax.naming.InitialContext.getURLOrDefaultInitCtx(InitialContext.java:325)
at javax.naming.InitialContext.lookup(InitialContext.java:392)
at com.zfabrik.hadoop.impl.HadoopProcessRunner$1.run(HadoopProcessRunner.java:215)
... 19 more

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2013-04-09 17:10:48,847 INFO [AsyncDispatcher event handler] org.apache.hadoop.mapreduce.v2.app.job.impl.TaskAttemptImpl: Diagnostics report from attempt_1365436923337_0001_m_000000_0: Error: java.lang.RuntimeException: Failed to init Z2 process
at com.zfabrik.hadoop.impl.HadoopProcessRunner.start(HadoopProcessRunner.java:226)
at com.zfabrik.hadoop.impl.DelegatingMapper.setConf(DelegatingMapper.java:33)
at org.apache.hadoop.util.ReflectionUtils.setConf(ReflectionUtils.java:70)
at org.apache.hadoop.util.ReflectionUtils.newInstance(ReflectionUtils.java:130)
at org.apache.hadoop.mapred.MapTask.runNewMapper(MapTask.java:685)
at org.apache.hadoop.mapred.MapTask.run(MapTask.java:332)
at org.apache.hadoop.mapred.YarnChild$2.run(YarnChild.java:152)
at java.security.AccessController.doPrivileged(Native Method)
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at com.zfabrik.hadoop.impl.HadoopProcessRunner.start(HadoopProcessRunner.java:212)
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Caused by: java.lang.reflect.InvocationTargetException
at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
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at com.zfabrik.hadoop.impl.HadoopProcessRunner.work(HadoopProcessRunner.java:254)
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Caused by: java.lang.IllegalArgumentException: Failed to retrieve job component com.gi-de.samples.moneytracker.analytics.jobs/aggregations
at com.zfabrik.hadoop.impl.HadoopProcessRunner$1.run(HadoopProcessRunner.java:218)
at com.zfabrik.work.WorkUnit.work(WorkUnit.java:344)
at com.zfabrik.impl.launch.ProcessRunnerImpl.work(ProcessRunnerImpl.java:243)
... 17 more
Caused by: javax.naming.NoInitialContextException: Need to specify class name in environment or system property, or as an applet parameter, or in an application resource file: java.naming.factory

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.initial
  at javax.naming.spi.NamingManager.getInitialContext (NamingManager.java:645)
  at javax.naming.InitialContext.getDefaultInitCtx (InitialContext.java:288)
  at javax.naming.InitialContext.getURLOrDefaultInitCtx (InitialContext.java:325)
  at javax.naming.InitialContext.lookup (InitialContext.java:392)
  at com.zfabrik.hadoop.impl.HadoopProcessRunner$1.run (HadoopProcessRunner.java:215)
  ... 19 more
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History

#1 - 09.04.2013 21:19 - Henning Blohm

- *Project changed from 25 to z2-Environment*
- *Category set to z2-addon*
- *Status changed from New to In Progress*

Problem due to not having the job component lookup executed with an appropriate thread context class loader in conjunction with the naming integration changes as of [#1012](#).

#2 - 09.04.2013 21:20 - Henning Blohm

- *Category changed from z2-addon to z2-addon-hadoop*

#3 - 09.04.2013 21:22 - Anonymous

- *Status changed from In Progress to Resolved*
- *% Done changed from 0 to 100*

Applied in changeset z2-addons:z2-addons-hadoop|commit:8aa90555fdfed5407bdafe790ecdbe37c1eae607.

#4 - 29.06.2013 23:07 - Henning Blohm

- *Status changed from Resolved to Closed*