

Kepler - Bug #4952

Error recording workflow structure on workflow after deleting run

04/19/2010 05:28 PM - Derik Barseghian

Status:	Resolved	Start date:	04/19/2010
Priority:	Normal	Due date:	
Assignee:	Daniel Crawl	% Done:	0%
Category:	provenance	Estimated time:	0.00 hour
Target version:	wrp-modules-2.0.0	Spent time:	0.00 hour
Bugzilla-Id:	4952		

Description

If create a workflow, run it, delete the run, then try to run the workflow again, you'll currently get an error (below). Maybe this is related to r23714 "adding method to delete provenance for workflows without runs"?

```
ptolemy.kernel.util.IllegalActionException: Error recording workflow structure: Error adding to workflow_change: Integrity constraint violation - no parent WORKFLOW_CHANGE_WF_ID_FK table: WORKFLOW in statement [INSERT INTO WORKFLOW_CHANGE (user, time, wf_id, host_id) VALUES (?, ?, ?, ?)]
in .Unnamed1.TOP Provenance Recorder
```

Because:

```
Error adding to workflow_change: Integrity constraint violation - no parent WORKFLOW_CHANGE_WF_ID_FK table: WORKFLOW in statement [INSERT INTO WORKFLOW_CHANGE (user, time, wf_id, host_id) VALUES (?, ?, ?, ?)]
at org.kepler.provenance.ProvenanceRecorder._recordWorkflowContents(ProvenanceRecorder.java:2266)
```

```
at org.kepler.provenance.ProvenanceRecorder.preinitialize(ProvenanceRecorder.java:473)
at ptolemy.actor.CompositeActor.preinitialize(CompositeActor.java:1424)
```

```
at ptolemy.actor.Manager.preinitializeAndResolveTypes(Manager.java:983)
at ptolemy.actor.Manager.initialize(Manager.java:643)
```

```
at ptolemy.actor.Manager.execute(Manager.java:340)
at ptolemy.actor.Manager.run(Manager.java:1162)
```

```
at ptolemy.actor.Manager$3.run(Manager.java:1215)
Caused by: org.kepler.provenance.RecordingException: Error adding to workflow_change: Integrity constraint violation - no parent
```

```
WORKFLOW_CHANGE_WF_ID_FK table: WORKFLOW in statement [INSERT INTO WORKFLOW_CHANGE (user, time, wf_id, host_id) VALUES (?, ?, ?, ?)]
at org.kepler.provenance.sql.SQLRecordingV8._addWorkflowChange(SQLRecordingV8.java:1344)
at org.kepler.provenance.sql.SQLRecordingV8._addEntity(SQLRecordingV8.java:1242)
```

```
at org.kepler.provenance.sql.SQLRecording._checkEntity(SQLRecording.java:1370)
at org.kepler.provenance.sql.SQLRecording._regActorDirector(SQLRecording.java:1524)
```

```
at org.kepler.provenance.sql.SQLRecording.regActor(SQLRecording.java:140)
at org.kepler.provenance.ProvenanceRecorder._recordContainerContents(ProvenanceRecorder.java:1771)
```

```
at org.kepler.provenance.ProvenanceRecorder._recordWorkflowContents(ProvenanceRecorder.java:2252)
... 7 more
```

```
Caused by: java.sql.SQLException: Integrity constraint violation - no parent WORKFLOW_CHANGE_WF_ID_FK table: WORKFLOW in statement [INSERT INTO WORKFLOW_CHANGE (user, time, wf_id, host_id) VALUES (?, ?, ?, ?)]
```

```
at org.hsqldb.jdbc.Util.throwError(Unknown Source)
at org.hsqldb.jdbc.jdbcPreparedStatement.executeUpdate(Unknown Source)
```

```
at org.kepler.util.sql.DatabaseType.insert(DatabaseType.java:687)
at org.kepler.provenance.sql.SQLRecordingV8._addWorkflowChange(SQLRecordingV8.java:1331)
```

```
... 13 more
Caused by: org.kepler.provenance.RecordingException: Error adding to workflow_change: Integrity constraint violation - no parent
```

```
WORKFLOW_CHANGE_WF_ID_FK table: WORKFLOW in statement [INSERT INTO WORKFLOW_CHANGE (user, time, wf_id, host_id) VALUES (?, ?, ?, ?)]
at org.kepler.provenance.sql.SQLRecordingV8._addWorkflowChange(SQLRecordingV8.java:1344)
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at org.kepler.provenance.sql.SQLRecordingV8._addEntity(SQLRecordingV8.java:1242)
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```

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at org.kepler.provenance.sql.SQLRecording._regActorDirector(SQLRecording.java:1524)
at org.kepler.provenance.sql.SQLRecording.regActor(SQLRecording.java:140)
```

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at org.kepler.provenance.ProvenanceRecorder._recordContainerContents(ProvenanceRecorder.java:1771)
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at org.kepler.provenance.ProvenanceRecorder.preinitialize(ProvenanceRecorder.java:473)
at ptolemy.actor.CompositeActor.preinitialize(CompositeActor.java:1424)
```

```
at ptolemy.actor.Manager.preinitializeAndResolveTypes(Manager.java:983)
at ptolemy.actor.Manager.initialize(Manager.java:643)
```

```
at ptolemy.actor.Manager.execute(Manager.java:340)
```

```
at ptolemy.actor.Manager.run(Manager.java:1162)
at ptolemy.actor.Manager$3.run(Manager.java:1215)
Caused by: java.sql.SQLException: Integrity constraint violation - no parent WORKFLOW_CHANGE_WF_ID_FK table: WORKFLOW
in statement [INSERT INTO WORKFLOW_CHANGE (user, time, wf_id, host_id) VALUES (?, ?, ?, ?)]
at org.hibernate.jdbc.Util.throwError(Unknown Source)
at org.hibernate.jdbc.PreparedStatement.executeUpdate(Unknown Source)
at org.kepler.util.sql.DatabaseType.insert(DatabaseType.java:687)
at org.kepler.provenance.sql.SQLRecordingV8._addWorkflowChange(SQLRecordingV8.java:1331)
... 13 more
```

History

#1 - 04/21/2010 01:45 PM - Daniel Crawl

Fixed in r23833.

#2 - 03/27/2013 02:28 PM - Redmine Admin

Original Bugzilla ID was 4952