

## Kune - Defect #571

### Database exceptions executing the new DB Based Wave indexer (at bootstrap reindex)

01/13/2014 06:25 PM - Pablo Ojanguren

<b>Status:</b>	Closed	<b>Start date:</b>	01/13/2014
<b>Priority:</b>	Urgent	<b>Due date:</b>	
<b>Assignee:</b>	Pablo Ojanguren	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Tags:</b>	
<b>Resolution:</b>			
<b>Description</b>			
Testing HEAD revision (5b94e3f9) of kune/trunk in a local environment following exceptions were thrown related to DB index for Wave:			
<b>Execution 1</b>			
- Executed bin/liquibase-migrate.sh succesfully, some new tables were added to kune_dev database			
- Kune Started with mvn exec:java, navigated to localhost:8888, the browser got frozen loading kune, after some seconds following exception is thrown in server as anwser to a client call:			
SEVERE: Workspace adaptation to your language failed: 500 <html>			
Error while committing the transaction</p><h3>Caused by:</h3>javax.persistence.RollbackException: Error while committing the transaction			
Caused by: com.mysql.jdbc.exceptions.jdbc4.MySQLNonTransientConnectionException: No operations allowed after connection closed.			
Caused by:</h3>org.hibernate.TransactionException: unable to commit against JDBC connection			
Caused by:</h3>com.mysql.jdbc.exceptions.jdbc4.MySQLNonTransientConnectionException: No operations allowed after connection closed.			
- Table kune_dev.participants_waves was empty but tables kune_dev.participants and kune_dev.waves had values.			
<b>Execution 2</b>			
- Deleted data from tables kune_dev.participants_waves, kune_dev.participant, kune_dev.waves			
- Kune Started with mvn exec:java, before navigating to localhost:8888 following exception was thrown:			
2014-01-13 17:36:51 KuneJpaLocalTxnInterceptor [DEBUG] Exception in transaction			
javax.persistence.PersistenceException: org.hibernate.PersistentObjectException: detached entity passed to persist: cc.kune.domain.ParticipantEntity			
at org.hibernate.ejb.AbstractEntityManagerImpl.convert(AbstractEntityManagerImpl.java:1365)			
at org.hibernate.ejb.AbstractEntityManagerImpl.convert(AbstractEntityManagerImpl.java:1293)			
at org.hibernate.ejb.AbstractEntityManagerImpl.convert(AbstractEntityManagerImpl.java:1299)			
at org.hibernate.ejb.AbstractEntityManagerImpl.persist(AbstractEntityManagerImpl.java:865)			
at cc.kune.core.server.manager.impl.DefaultManager.persist(DefaultManager.java:176)			
at cc.kune.core.server.manager.impl.DefaultManager.persist(DefaultManager.java:188)			
at cc.kune.core.server.manager.impl.WaveEntityManagerDefault.add(WaveEntityManagerDefault.java:65)			
at com.google.inject.persist.jpa.KuneJpaLocalTxnInterceptor.invoke(KuneJpaLocalTxnInterceptor.java:98)			
at			
cc.kune.wave.server.search.CustomPerUserWaveViewHandlerImpl.addWaveToUser(CustomPerUserWaveViewHandlerImpl.java:77) □ a			
va:77)			

```
at
cc.kune.wave.server.search.CustomPerUserWaveViewHandlerImpl.onWaveInit(CustomPerUserWaveViewHandlerImpl.java:179)
9)
at cc.kune.wave.server.search.CustomWaveIndexerImpl.processWavelet(CustomWaveIndexerImpl.java:56)
at org.waveprotocol.box.server.waveserver.AbstractWaveIndexer.remakeIndex(AbstractWaveIndexer.java:57)
at cc.kune.wave.server.CustomServerMain.reindex(CustomServerMain.java:403)
at cc.kune.wave.server.CustomServerMain.run(CustomServerMain.java:232)
at cc.kune.wave.server.CustomServerMain.main(CustomServerMain.java:162)
```

- The server crashed after that caused by PermGem (the server wasn't started with enough PermGem space)

### Execution 3

- Deleted data from tables kune\_dev.participants\_waves, kune\_dev.participant, kune\_dev.waves
- Kune Started with mvn exec:java, before navigating to localhost:8888 following exception was thrown:

```
2014-01-13 17:53:59 CustomPerUserWaveViewHandlerImpl [DEBUG] On wave init of wave [WaveletName
localhost/w+mjy7b62xajpdA/localhost/conv+root]
2014-01-13 17:53:59 KuneJpaLocalTxnInterceptor [DEBUG] Starting transaction
2014-01-13 17:53:59 KuneJpaLocalTxnInterceptor [DEBUG] Exception in transaction
javax.persistence.NoResultException: No entity found for query
at org.hibernate.ejb.QueryImpl.getSingleResult(QueryImpl.java:290)
at com.google.inject.persist.jpa.JpaFinderProxy.invoke(JpaFinderProxy.java:72)
at com.google.inject.persist.jpa.JpaPersistModule$1.invoke(JpaPersistModule.java:129)
at com.sun.proxy.$Proxy56.find(Unknown Source)
at cc.kune.core.server.manager.impl.WaveEntityManagerDefault.find(WaveEntityManagerDefault.java:71)
at com.google.inject.persist.jpa.KuneJpaLocalTxnInterceptor.invoke(KuneJpaLocalTxnInterceptor.java:98)
at
cc.kune.wave.server.search.CustomPerUserWaveViewHandlerImpl.getWaveEntity(CustomPerUserWaveViewHandlerImpl.java:93)
:93)
at
cc.kune.wave.server.search.CustomPerUserWaveViewHandlerImpl.onWaveInit(CustomPerUserWaveViewHandlerImpl.java:176)
6)
at cc.kune.wave.server.search.CustomWaveIndexerImpl.processWavelet(CustomWaveIndexerImpl.java:56)
at org.waveprotocol.box.server.waveserver.AbstractWaveIndexer.remakeIndex(AbstractWaveIndexer.java:57)
at cc.kune.wave.server.CustomServerMain.reindex(CustomServerMain.java:403)
at cc.kune.wave.server.CustomServerMain.run(CustomServerMain.java:232)
at cc.kune.wave.server.CustomServerMain.main(CustomServerMain.java:162)
```

- Navigated to localhost:8888 successfully but this exception is thrown:

```
2014-01-13 17:58:05 KuneJpaLocalTxnInterceptor [DEBUG] Exception in transaction
javax.persistence.NoResultException: No entity found for query
at org.hibernate.ejb.QueryImpl.getSingleResult(QueryImpl.java:290)
at com.google.inject.persist.jpa.JpaFinderProxy.invoke(JpaFinderProxy.java:72)
at com.google.inject.persist.jpa.JpaPersistModule$1.invoke(JpaPersistModule.java:129)
at com.sun.proxy.$Proxy56.find(Unknown Source)
at cc.kune.core.server.manager.impl.WaveEntityManagerDefault.find(WaveEntityManagerDefault.java:71)
at com.google.inject.persist.jpa.KuneJpaLocalTxnInterceptor.invoke(KuneJpaLocalTxnInterceptor.java:98)
at
```

```
cc.kune.wave.server.search.CustomPerUserWaveViewHandlerImpl.getWaveEntity(CustomPerUserWaveViewHandlerImpl.java:93)
:93)
  at
cc.kune.wave.server.search.CustomPerUserWaveViewHandlerImpl.access$1(CustomPerUserWaveViewHandlerImpl.java:85)
  at
cc.kune.wave.server.search.CustomPerUserWaveViewHandlerImpl$1.call(CustomPerUserWaveViewHandlerImpl.java:127)
  at cc.kune.wave.server.search.CustomPerUserWaveViewHandlerImpl$1.call(CustomPerUserWaveViewHandlerImpl.java:1)
  at java.util.concurrent.FutureTask$Sync.innerRun(FutureTask.java:303)
  at java.util.concurrent.FutureTask.run(FutureTask.java:138)
  at java.util.concurrent.ThreadPoolExecutor$Worker.runTask(ThreadPoolExecutor.java:895)
  at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:918)
  at java.lang.Thread.run(Thread.java:662)
```

## Associated revisions

**Revision 204e97df - 01/16/2014 12:14 PM - Pablo Ojanguren**

#571, #572 Fixes

## History

**#1 - 01/14/2014 05:13 PM - Pablo Ojanguren**

- Assignee set to Pablo Ojanguren

Problem is at WaveEntityManagerDefault.java:65, use merge() instead of persist()

```
@Override
@KuneTransactional
public void add(final WaveEntity wave, final ParticipantEntity participant) {
    wave.add(participant);
    merge(wave);
    // persist(wave); <- participant and wave objects are already persisted objects
}
```

**#2 - 01/14/2014 05:19 PM - Pablo Ojanguren**

- Subject changed from Database exceptions executing the new DB Based Wave indexer to Database exceptions executing the new DB Based Wave indexer (at bootstrap reindex)

**#3 - 01/19/2014 04:03 PM - Pablo Ojanguren**

- Status changed from New to Closed

- % Done changed from 0 to 100

Fixed in commit 204e97d