Figure: Still in Populating Crosstabulation Table

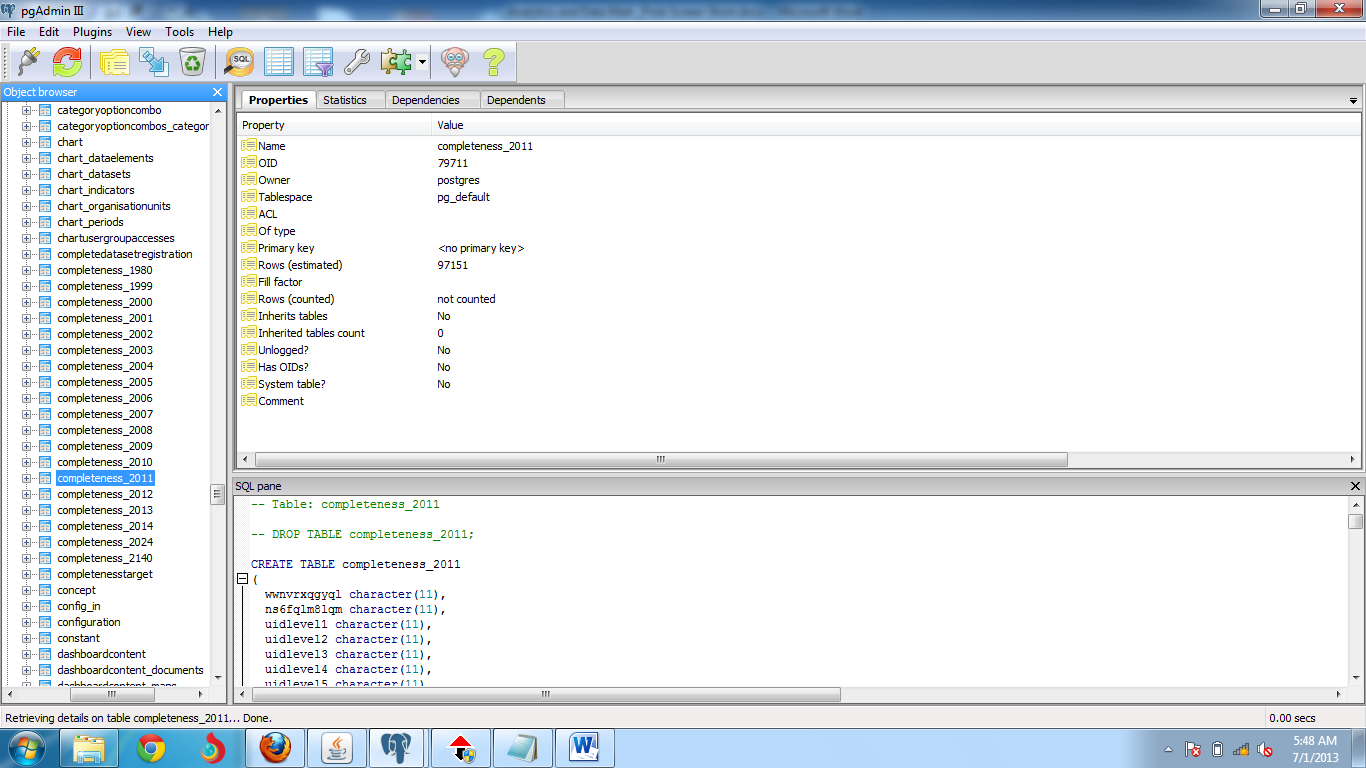


Table: Change in database, new table completeness\_1979 to completeness\_1940

And in log bug is as follows:

\* INFO 2013-06-30 23:16:10,361 [Level: INFO, category: DATAMART, time: Sun Jun

30 23:16:10 BDT 2013, message: Loading indicators] (InMemoryNotifier.java [taskS

cheduler-1])

\* INFO 2013-06-30 23:16:10,364 Exploded indicator expressions: 0:33:34.190 (Clo

ck.java [taskScheduler-1])

\* INFO 2013-06-30 23:16:10,364 [Level: INFO, category: DATAMART, time: Sun Jun

30 23:16:10 BDT 2013, message: Loading data elements] (InMemoryNotifier.java [ta

skScheduler-1])

\* INFO 2013-06-30 23:17:51,356 Retrieved operands: 6880: 0:35:15.182 (Clock.jav

a [taskScheduler-1])

\* INFO 2013-06-30 23:17:51,356 [Level: INFO, category: DATAMART, time: Sun Jun

30 23:17:51 BDT 2013, message: Loading periods] (InMemoryNotifier.java [taskSche

duler-1])

\* INFO 2013-06-30 23:17:51,478 Number of periods: 10: 0:35:15.303 (Clock.java [

taskScheduler-1])

\* INFO 2013-06-30 23:17:51,478 [Level: INFO, category: DATAMART, time: Sun Jun

30 23:17:51 BDT 2013, message: Filtering data elements without data] (InMemoryNo

tifier.java [taskScheduler-1])

\* INFO 2013-07-01 00:09:28,675 Number of operands with data: 6284, Mem Total in

JVM: 494 Free in JVM: 120 Max Limit: 494: 1:26:52.501 (Clock.java [taskSchedule

r-1])

\* INFO 2013-07-01 00:09:28,676 [Level: INFO, category: DATAMART, time: Mon Jul

01 00:09:28 BDT 2013, message: Populating crosstabulation table] (InMemoryNotifi

er.java [taskScheduler-1])

Exception in thread "org.springframework.scheduling.quartz.SchedulerFactoryBean#

1\_QuartzSchedulerThread" Exception in thread "http-apr-8085-exec-8" Exception in

thread "ContainerBackgroundProcessor[StandardEngine[Catalina]]" java.lang.OutOf

MemoryError: Java heap space

java.lang.OutOfMemoryError: Java heap space

java.lang.OutOfMemoryError: Java heap space

at java.util.Arrays.copyOfRange(Unknown Source)

at java.lang.String.<init>(Unknown Source)

at java.util.Properties.loadConvert(Unknown Source)

at java.util.Properties.load0(Unknown Source)

at java.util.Properties.load(Unknown Source)

at java.util.PropertyResourceBundle.<init>(Unknown Source)

at java.util.ResourceBundle$Control.newBundle(Unknown Source)

at java.util.ResourceBundle.loadBundle(Unknown Source)

at java.util.ResourceBundle.findBundle(Unknown Source)

at java.util.ResourceBundle.getBundleImpl(Unknown Source)

at java.util.ResourceBundle.getBundle(Unknown Source)

at org.hisp.dhis.i18n.resourcebundle.DefaultResourceBundleManager.getGlo

balResourceBundle(DefaultResourceBundleManager.java:116)

at org.hisp.dhis.i18n.DefaultI18nManager.getGlobalResourceBundle(Default

I18nManager.java:105)

at org.hisp.dhis.i18n.DefaultI18nManager.getI18n(DefaultI18nManager.java

:70)

at org.hisp.dhis.interceptor.I18nInterceptor.intercept(I18nInterceptor.j

ava:90)

at com.opensymphony.xwork2.DefaultActionInvocation.invoke(DefaultActionI

nvocation.java:249)

at com.opensymphony.xwork2.interceptor.ParametersInterceptor.doIntercept

(ParametersInterceptor.java:211)

at com.opensymphony.xwork2.interceptor.MethodFilterInterceptor.intercept

(MethodFilterInterceptor.java:98)

at com.opensymphony.xwork2.DefaultActionInvocation.invoke(DefaultActionI

nvocation.java:249)

at com.opensymphony.xwork2.interceptor.StaticParametersInterceptor.inter

cept(StaticParametersInterceptor.java:190)

at com.opensymphony.xwork2.DefaultActionInvocation.invoke(DefaultActionI

nvocation.java:249)

at org.hisp.dhis.interceptor.ExceptionInterceptor.intercept(ExceptionInt

erceptor.java:109)

at com.opensymphony.xwork2.DefaultActionInvocation.invoke(DefaultActionI

nvocation.java:249)

at org.apache.struts2.impl.StrutsActionProxy.execute(StrutsActionProxy.j

ava:54)

at org.apache.struts2.dispatcher.Dispatcher.serviceAction(Dispatcher.jav

a:510)

at org.apache.struts2.dispatcher.FilterDispatcher.doFilter(FilterDispatc

her.java:432)

at org.apache.catalina.core.ApplicationFilterChain.internalDoFilter(Appl

icationFilterChain.java:243)

at org.apache.catalina.core.ApplicationFilterChain.doFilter(ApplicationF

ilterChain.java:210)

at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.

doFilter(FilterChainProxy.java:330)

at org.springframework.security.web.access.intercept.FilterSecurityInter

ceptor.invoke(FilterSecurityInterceptor.java:118)

at org.springframework.security.web.access.intercept.FilterSecurityInter

ceptor.doFilter(FilterSecurityInterceptor.java:84)

at org.springframework.security.web.FilterChainProxy$VirtualFilterChain.

doFilter(FilterChainProxy.java:342)

\* ERROR 2013-07-01 00:51:08,516 Unexpected error occurred in scheduled task. (Ta

skUtils.java [taskScheduler-1])

java.lang.RuntimeException: Exception during execution

at org.hisp.dhis.system.util.ConcurrentUtils.waitForCompletion(Concurren

tUtils.java:54)

at org.hisp.dhis.datamart.engine.DefaultDataMartEngine.export(DefaultDat

aMartEngine.java:329)

at org.hisp.dhis.datamart.engine.DefaultDataMartEngine.export(DefaultDat

aMartEngine.java:202)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)

at java.lang.reflect.Method.invoke(Unknown Source)

at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflecti

on(AopUtils.java:317)

at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJo

inpoint(ReflectiveMethodInvocation.java:183)

at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(

ReflectiveMethodInvocation.java:150)

at org.springframework.transaction.interceptor.TransactionInterceptor.in

voke(TransactionInterceptor.java:110)

at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(

ReflectiveMethodInvocation.java:172)

at org.springframework.aop.aspectj.MethodInvocationProceedingJoinPoint.p

roceed(MethodInvocationProceedingJoinPoint.java:80)

at org.amplecode.quick.StatementInterceptor.intercept(StatementIntercept

or.java:71)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)

at java.lang.reflect.Method.invoke(Unknown Source)

at org.springframework.aop.aspectj.AbstractAspectJAdvice.invokeAdviceMet

hodWithGivenArgs(AbstractAspectJAdvice.java:621)

at org.springframework.aop.aspectj.AbstractAspectJAdvice.invokeAdviceMet

hod(AbstractAspectJAdvice.java:610)

at org.springframework.aop.aspectj.AspectJAroundAdvice.invoke(AspectJAro

undAdvice.java:65)

at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(

ReflectiveMethodInvocation.java:172)

at org.springframework.aop.interceptor.ExposeInvocationInterceptor.invok

e(ExposeInvocationInterceptor.java:91)

at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(

ReflectiveMethodInvocation.java:172)

at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynami

cAopProxy.java:204)

at $Proxy135.export(Unknown Source)

at org.hisp.dhis.scheduling.DataMartTask.run(DataMartTask.java:113)

at org.hisp.dhis.scheduling.ScheduledTasks.run(ScheduledTasks.java:59)

at org.springframework.scheduling.support.DelegatingErrorHandlingRunnabl

e.run(DelegatingErrorHandlingRunnable.java:53)

at java.util.concurrent.Executors$RunnableAdapter.call(Unknown Source)

at java.util.concurrent.FutureTask$Sync.innerRun(Unknown Source)

at java.util.concurrent.FutureTask.run(Unknown Source)

at java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.

access$201(Unknown Source)

at java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.

run(Unknown Source)

at java.util.concurrent.ThreadPoolExecutor.runWorker(Unknown Source)

at java.util.concurrent.ThreadPoolExecutor$Worker.run(Unknown Source)

at java.lang.Thread.run(Unknown Source)

Caused by: java.util.concurrent.ExecutionException: java.lang.RuntimeException:

Failed to add objects

at java.util.concurrent.FutureTask$Sync.innerGet(Unknown Source)

at java.util.concurrent.FutureTask.get(Unknown Source)

at org.hisp.dhis.system.util.ConcurrentUtils.waitForCompletion(Concurren

tUtils.java:50)

... 36 more

Caused by: java.lang.RuntimeException: Failed to add objects

at org.amplecode.quick.batchhandler.AbstractBatchHandler.addObject(Abstr

actBatchHandler.java:210)

at org.hisp.dhis.datamart.crosstab.DefaultCrossTabService.populateCrossT

abTable(DefaultCrossTabService.java:170)

at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

at sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)

at sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)

at java.lang.reflect.Method.invoke(Unknown Source)

at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflecti

on(AopUtils.java:317)

at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJo

inpoint(ReflectiveMethodInvocation.java:183)

at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(

ReflectiveMethodInvocation.java:150)

at org.springframework.aop.interceptor.AsyncExecutionInterceptor$1.call(

AsyncExecutionInterceptor.java:83)

at java.util.concurrent.FutureTask$Sync.innerRun(Unknown Source)

at java.util.concurrent.FutureTask.run(Unknown Source)

... 1 more

Caused by: java.sql.SQLException: java.lang.OutOfMemoryError: Java heap space

at org.hsqldb.jdbc.Util.sqlException(Unknown Source)

at org.hsqldb.jdbc.Util.sqlException(Unknown Source)

at org.hsqldb.jdbc.JDBCStatement.fetchResult(Unknown Source)

at org.hsqldb.jdbc.JDBCStatement.executeUpdate(Unknown Source)

at org.amplecode.quick.batchhandler.AbstractBatchHandler.addObject(Abstr

actBatchHandler.java:191)

... 12 more

Caused by: org.hsqldb.HsqlException: java.lang.OutOfMemoryError: Java heap space

at org.hsqldb.error.Error.error(Unknown Source)

at org.hsqldb.result.Result.newErrorResult(Unknown Source)

at org.hsqldb.StatementDMQL.execute(Unknown Source)

at org.hsqldb.Session.executeCompiledStatement(Unknown Source)

at org.hsqldb.Session.executeDirectStatement(Unknown Source)

at org.hsqldb.Session.execute(Unknown Source)

... 15 more

Caused by: java.lang.OutOfMemoryError: Java heap space

