[INFO ] 2022-09-29 16:01:49.116 [Thread-23 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] message - AMQ601501: User anonymous@invm:0 is consuming a message from cd6fa16d-b39a-44e4-aab1-ae769f490be8

java.lang.OutOfMemoryError: Java heap space

Dumping heap to /home/sysu/dump.hprof ...

Unable to create /home/sysu/dump.hprof: No such file or directory

Exception in thread "Thread-2 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)" java.lang.OutOfMemoryError: Java heap space

[WARN ] 2022-09-29 16:04:33.037 [taskScheduler-3] LoadContexts - HHH000100: Fail-safe cleanup (collections) : org.hibernate.engine.loading.internal.CollectionLoadContext@5c323ce3<rs=com.mchange.v2.c3p0.impl.NewProxyResultSet@19145ba4 [wrapping: null]>

[WARN ] 2022-09-29 16:04:33.050 [taskScheduler-3] CollectionLoadContext - HHH000160: On CollectionLoadContext#cleanup, localLoadingCollectionKeys contained [1] entries

[WARN ] 2022-09-29 16:04:33.191 [taskScheduler-19] SqlExceptionHelper - SQL Error: 0, SQLState: 53200

[ERROR] 2022-09-29 16:04:33.191 [taskScheduler-19] SqlExceptionHelper - Ran out of memory retrieving query results.

[INFO ] 2022-09-29 16:04:37.715 [Thread-22 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] base - AMQ601072: User null@invm:0 is deleting a queue on target resource: ServerSessionImpl(jms-session=\*N/A\*) [with parameters: [cd6fa16d-b39a-44e4-aab1-ae769f490be8]]

[INFO ] 2022-09-29 16:04:37.748 [Thread-79 (ActiveMQ-remoting-threads-ActiveMQServerImpl::serverUUID=7ac76fc5-3fe3-11ed-b029-0242ac110003-202145683)] base - AMQ601267: User anonymous@invm:0 is creating a core session on target resource ActiveMQServerImpl::serverUUID=7ac76fc5-3fe3-11ed-b029-0242ac110003 [with parameters: [b3068743-3fea-11ed-b029-0242ac110003, null, \*\*\*\*, 102400, RemotingConnectionImpl [ID=b2fbfff0-3fea-11ed-b029-0242ac110003, clientID=null, nodeID=7ac76fc5-3fe3-11ed-b029-0242ac110003, transportConnection=InVMConnection [serverID=0, id=b2fbfff0-3fea-11ed-b029-0242ac110003]], false, false, false, false, null, org.apache.activemq.artemis.core.protocol.core.impl.CoreSessionCallback@3e35db48, true, org.apache.activemq.artemis.core.persistence.impl.nullpm.NullStorageManager$2@6b147911, {}]]

[INFO ] 2022-09-29 16:04:37.941 [Thread-79 (ActiveMQ-remoting-threads-ActiveMQServerImpl::serverUUID=7ac76fc5-3fe3-11ed-b029-0242ac110003-202145683)] base - AMQ601267: User anonymous@invm:0 is creating a core session on target resource ActiveMQServerImpl::serverUUID=7ac76fc5-3fe3-11ed-b029-0242ac110003 [with parameters: [b32e5a94-3fea-11ed-b029-0242ac110003, null, \*\*\*\*, 102400, RemotingConnectionImpl [ID=b2fbfff0-3fea-11ed-b029-0242ac110003, clientID=null, nodeID=7ac76fc5-3fe3-11ed-b029-0242ac110003, transportConnection=InVMConnection [serverID=0, id=b2fbfff0-3fea-11ed-b029-0242ac110003]], true, true, false, false, null, org.apache.activemq.artemis.core.protocol.core.impl.CoreSessionCallback@71cf38c5, true, org.apache.activemq.artemis.core.persistence.impl.nullpm.NullStorageManager$2@6b147911, {}]]

[ERROR] 2022-09-29 16:04:33.258 [taskScheduler-3] SimpleAsyncUncaughtExceptionHandler - Unexpected exception occurred invoking async method: public void org.hisp.dhis.programrule.engine.ProgramRuleEngineListener.onEventCompletion(org.hisp.dhis.programrule.engine.StageCompletionEvaluationEvent)

java.lang.OutOfMemoryError: Java heap space

 at org.joda.time.format.DateTimeParserBucket.obtainSaveField(DateTimeParserBucket.java:339) ~[joda-time-2.10.5.jar:2.10.5]

 at org.joda.time.format.DateTimeParserBucket.saveField(DateTimeParserBucket.java:309) ~[joda-time-2.10.5.jar:2.10.5]

 at org.joda.time.format.DateTimeFormatterBuilder$NumberFormatter.parseInto(DateTimeFormatterBuilder.java:1366) ~[joda-time-2.10.5.jar:2.10.5]

 at org.joda.time.format.DateTimeFormatterBuilder$Composite.parseInto(DateTimeFormatterBuilder.java:2516) ~[joda-time-2.10.5.jar:2.10.5]

 at org.joda.time.format.InternalParserDateTimeParser.parseInto(InternalParserDateTimeParser.java:52) ~[joda-time-2.10.5.jar:2.10.5]

 at org.joda.time.format.DateTimeFormatterBuilder$MatchingParser.parseInto(DateTimeFormatterBuilder.java:2610) ~[joda-time-2.10.5.jar:2.10.5]

 at org.joda.time.format.DateTimeFormatter.parseDateTime(DateTimeFormatter.java:925) ~[joda-time-2.10.5.jar:2.10.5]

 at org.hisp.dhis.util.DateUtils.safeParseDateTime(DateUtils.java:890) ~[dhis-api-2.37.7.1.jar:?]

 at org.hisp.dhis.util.DateUtils.parseDate(DateUtils.java:710) ~[dhis-api-2.37.7.1.jar:?]

 at org.hisp.dhis.commons.jackson.config.ParseDateStdDeserializer.deserialize(ParseDateStdDeserializer.java:56) ~[dhis-support-commons-2.37.7.1.jar:?]

 at org.hisp.dhis.commons.jackson.config.ParseDateStdDeserializer.deserialize(ParseDateStdDeserializer.java:43) ~[dhis-support-commons-2.37.7.1.jar:?]

 at com.fasterxml.jackson.databind.deser.impl.MethodProperty.deserializeAndSet(MethodProperty.java:129) ~[jackson-databind-2.12.7.jar:2.12.7]

 at com.fasterxml.jackson.databind.deser.BeanDeserializer.vanillaDeserialize(BeanDeserializer.java:324) ~[jackson-databind-2.12.7.jar:2.12.7]

 at com.fasterxml.jackson.databind.deser.BeanDeserializer.deserialize(BeanDeserializer.java:187) ~[jackson-databind-2.12.7.jar:2.12.7]

 at com.fasterxml.jackson.databind.deser.std.MapDeserializer.\_readAndBindStringKeyMap(MapDeserializer.java:609) ~[jackson-databind-2.12.7.jar:2.12.7]

 at com.fasterxml.jackson.databind.deser.std.MapDeserializer.deserialize(MapDeserializer.java:437) ~[jackson-databind-2.12.7.jar:2.12.7]

 at com.fasterxml.jackson.databind.deser.std.MapDeserializer.deserialize(MapDeserializer.java:32) ~[jackson-databind-2.12.7.jar:2.12.7]

 at com.fasterxml.jackson.databind.deser.DefaultDeserializationContext.readRootValue(DefaultDeserializationContext.java:322) ~[jackson-databind-2.12.7.jar:2.12.7]

 at com.fasterxml.jackson.databind.ObjectReader.\_bindAndClose(ObjectReader.java:2033) ~[jackson-databind-2.12.7.jar:2.12.7]

 at com.fasterxml.jackson.databind.ObjectReader.readValue(ObjectReader.java:1491) ~[jackson-databind-2.12.7.jar:2.12.7]

 at org.hisp.dhis.hibernate.jsonb.type.JsonEventDataValueSetBinaryType.convertJsonToObject(JsonEventDataValueSetBinaryType.java:120) ~[dhis-support-hibernate-2.37.7.1.jar:?]

 at org.hisp.dhis.hibernate.jsonb.type.JsonEventDataValueSetBinaryType.deepCopy(JsonEventDataValueSetBinaryType.java:76) ~[dhis-support-hibernate-2.37.7.1.jar:?]

 at org.hibernate.type.CustomType.deepCopy(CustomType.java:190) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.type.TypeHelper.deepCopy(TypeHelper.java:55) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.engine.internal.TwoPhaseLoad.initializeEntityFromEntityEntryLoadedState(TwoPhaseLoad.java:369) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.engine.internal.TwoPhaseLoad.initializeEntity(TwoPhaseLoad.java:183) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.engine.internal.TwoPhaseLoad.initializeEntity(TwoPhaseLoad.java:151) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.process.internal.AbstractRowReader.performTwoPhaseLoad(AbstractRowReader.java:247) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.process.internal.AbstractRowReader.finishUp(AbstractRowReader.java:208) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.process.internal.ResultSetProcessorImpl.extractResults(ResultSetProcessorImpl.java:96) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.internal.AbstractLoadPlanBasedLoader.executeLoad(AbstractLoadPlanBasedLoader.java:105) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.collection.plan.AbstractLoadPlanBasedCollectionInitializer.initialize(AbstractLoadPlanBasedCollectionInitializer.java:87) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

[ERROR] 2022-09-29 16:04:37.666 [taskScheduler-19] SimpleAsyncUncaughtExceptionHandler - Unexpected exception occurred invoking async method: public void org.hisp.dhis.programrule.engine.ProgramRuleEngineListener.onDataValueChange(org.hisp.dhis.programrule.engine.DataValueUpdatedEvent)

org.hibernate.exception.GenericJDBCException: could not extract ResultSet

 at org.hibernate.exception.internal.StandardSQLExceptionConverter.convert(StandardSQLExceptionConverter.java:47) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.engine.jdbc.spi.SqlExceptionHelper.convert(SqlExceptionHelper.java:113) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.engine.jdbc.spi.SqlExceptionHelper.convert(SqlExceptionHelper.java:99) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.engine.jdbc.internal.ResultSetReturnImpl.extract(ResultSetReturnImpl.java:67) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.internal.AbstractLoadPlanBasedLoader.getResultSet(AbstractLoadPlanBasedLoader.java:390) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.internal.AbstractLoadPlanBasedLoader.executeQueryStatement(AbstractLoadPlanBasedLoader.java:163) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.internal.AbstractLoadPlanBasedLoader.executeLoad(AbstractLoadPlanBasedLoader.java:104) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.collection.plan.AbstractLoadPlanBasedCollectionInitializer.initialize(AbstractLoadPlanBasedCollectionInitializer.java:87) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.persister.collection.AbstractCollectionPersister.initialize(AbstractCollectionPersister.java:710) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.event.internal.DefaultInitializeCollectionEventListener.onInitializeCollection(DefaultInitializeCollectionEventListener.java:76) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.event.service.internal.EventListenerGroupImpl.fireEventOnEachListener(EventListenerGroupImpl.java:93) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.internal.SessionImpl.initializeCollection(SessionImpl.java:2163) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.AbstractPersistentCollection$4.doWork(AbstractPersistentCollection.java:589) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.AbstractPersistentCollection.withTemporarySessionIfNeeded(AbstractPersistentCollection.java:264) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.AbstractPersistentCollection.initialize(AbstractPersistentCollection.java:585) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.AbstractPersistentCollection.read(AbstractPersistentCollection.java:149) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.PersistentSet.iterator(PersistentSet.java:188) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at java.util.Spliterators$IteratorSpliterator.estimateSize(Spliterators.java:1821) ~[?:?]

 at java.util.Spliterator.getExactSizeIfKnown(Spliterator.java:408) ~[?:?]

 at java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:483) ~[?:?]

 at java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:474) ~[?:?]

 at java.util.stream.ReduceOps$ReduceOp.evaluateSequential(ReduceOps.java:913) ~[?:?]

 at java.util.stream.AbstractPipeline.evaluate(AbstractPipeline.java:234) ~[?:?]

 at java.util.stream.ReferencePipeline.collect(ReferencePipeline.java:578) ~[?:?]

 at org.hisp.dhis.programrule.engine.DefaultProgramRuleEntityMapperService.toMappedRuleEvents(DefaultProgramRuleEntityMapperService.java:305) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at jdk.internal.reflect.GeneratedMethodAccessor1415.invoke(Unknown Source) ~[?:?]

 at jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) ~[?:?]

 at java.lang.reflect.Method.invoke(Method.java:566) ~[?:?]

 at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection(AopUtils.java:344) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint(ReflectiveMethodInvocation.java:198) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:163) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.transaction.interceptor.TransactionInterceptor$1.proceedWithInvocation(TransactionInterceptor.java:123) ~[spring-tx-5.3.18.jar:5.3.18]

 at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:388) ~[spring-tx-5.3.18.jar:5.3.18]

 at org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:119) ~[spring-tx-5.3.18.jar:5.3.18]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:186) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:212) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at com.sun.proxy.$Proxy311.toMappedRuleEvents(Unknown Source) ~[?:?]

 at org.hisp.dhis.programrule.engine.ProgramRuleEngine.getRuleEvents(ProgramRuleEngine.java:289) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at org.hisp.dhis.programrule.engine.ProgramRuleEngine.evaluate(ProgramRuleEngine.java:102) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at org.hisp.dhis.programrule.engine.DefaultProgramRuleEngineService.evaluateEventAndRunEffects(DefaultProgramRuleEngineService.java:167) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at org.hisp.dhis.programrule.engine.DefaultProgramRuleEngineService.evaluateEventAndRunEffects(DefaultProgramRuleEngineService.java:139) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at jdk.internal.reflect.GeneratedMethodAccessor1393.invoke(Unknown Source) ~[?:?]

 at jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) ~[?:?]

 at java.lang.reflect.Method.invoke(Method.java:566) ~[?:?]

 at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection(AopUtils.java:344) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint(ReflectiveMethodInvocation.java:198) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:163) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.transaction.interceptor.TransactionInterceptor$1.proceedWithInvocation(TransactionInterceptor.java:123) ~[spring-tx-5.3.18.jar:5.3.18]

 at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:388) ~[spring-tx-5.3.18.jar:5.3.18]

 at org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:119) ~[spring-tx-5.3.18.jar:5.3.18]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:186) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:212) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at com.sun.proxy.$Proxy314.evaluateEventAndRunEffects(Unknown Source) ~[?:?]

 at org.hisp.dhis.programrule.engine.ProgramRuleEngineListener.onDataValueChange(ProgramRuleEngineListener.java:55) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at org.hisp.dhis.programrule.engine.ProgramRuleEngineListener$$FastClassBySpringCGLIB$$de38d172.invoke(<generated>) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at org.springframework.cglib.proxy.MethodProxy.invoke(MethodProxy.java:218) ~[spring-core-5.3.18.jar:5.3.18]

 at org.springframework.aop.framework.CglibAopProxy$CglibMethodInvocation.invokeJoinpoint(CglibAopProxy.java:779) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:163) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.CglibAopProxy$CglibMethodInvocation.proceed(CglibAopProxy.java:750) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.interceptor.AsyncExecutionInterceptor.lambda$invoke$0(AsyncExecutionInterceptor.java:115) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at java.util.concurrent.FutureTask.run(FutureTask.java:264) [?:?]

 at java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:304) [?:?]

 at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1128) [?:?]

 at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:628) [?:?]

 at java.lang.Thread.run(Thread.java:829) [?:?]

Caused by: org.postgresql.util.PSQLException: Ran out of memory retrieving query results.

 at org.postgresql.core.v3.QueryExecutorImpl.processResults(QueryExecutorImpl.java:2256) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.core.v3.QueryExecutorImpl.execute(QueryExecutorImpl.java:323) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.jdbc.PgStatement.executeInternal(PgStatement.java:481) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.jdbc.PgStatement.execute(PgStatement.java:401) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.jdbc.PgPreparedStatement.executeWithFlags(PgPreparedStatement.java:164) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.jdbc.PgPreparedStatement.executeQuery(PgPreparedStatement.java:114) ~[postgresql-42.2.19.jar:42.2.19]

 at com.mchange.v2.c3p0.impl.NewProxyPreparedStatement.executeQuery(NewProxyPreparedStatement.java:1471) ~[c3p0-0.9.5.5.jar:0.9.5.5]

 at org.hibernate.engine.jdbc.internal.ResultSetReturnImpl.extract(ResultSetReturnImpl.java:57) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 ... 61 more

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

 at org.postgresql.core.PGStream.receiveTupleV3(PGStream.java:561) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.core.v3.QueryExecutorImpl.processResults(QueryExecutorImpl.java:2252) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.core.v3.QueryExecutorImpl.execute(QueryExecutorImpl.java:323) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.jdbc.PgStatement.executeInternal(PgStatement.java:481) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.jdbc.PgStatement.execute(PgStatement.java:401) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.jdbc.PgPreparedStatement.executeWithFlags(PgPreparedStatement.java:164) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.jdbc.PgPreparedStatement.executeQuery(PgPreparedStatement.java:114) ~[postgresql-42.2.19.jar:42.2.19]

 at com.mchange.v2.c3p0.impl.NewProxyPreparedStatement.executeQuery(NewProxyPreparedStatement.java:1471) ~[c3p0-0.9.5.5.jar:0.9.5.5]

 at org.hibernate.engine.jdbc.internal.ResultSetReturnImpl.extract(ResultSetReturnImpl.java:57) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.internal.AbstractLoadPlanBasedLoader.getResultSet(AbstractLoadPlanBasedLoader.java:390) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.internal.AbstractLoadPlanBasedLoader.executeQueryStatement(AbstractLoadPlanBasedLoader.java:163) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.internal.AbstractLoadPlanBasedLoader.executeLoad(AbstractLoadPlanBasedLoader.java:104) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.collection.plan.AbstractLoadPlanBasedCollectionInitializer.initialize(AbstractLoadPlanBasedCollectionInitializer.java:87) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.persister.collection.AbstractCollectionPersister.initialize(AbstractCollectionPersister.java:710) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.event.internal.DefaultInitializeCollectionEventListener.onInitializeCollection(DefaultInitializeCollectionEventListener.java:76) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.internal.SessionImpl$$Lambda$478/0x0000000800cc5c40.accept(Unknown Source) ~[?:?]

 at org.hibernate.event.service.internal.EventListenerGroupImpl.fireEventOnEachListener(EventListenerGroupImpl.java:93) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.internal.SessionImpl.initializeCollection(SessionImpl.java:2163) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.AbstractPersistentCollection$4.doWork(AbstractPersistentCollection.java:589) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.AbstractPersistentCollection.withTemporarySessionIfNeeded(AbstractPersistentCollection.java:264) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.AbstractPersistentCollection.initialize(AbstractPersistentCollection.java:585) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.AbstractPersistentCollection.read(AbstractPersistentCollection.java:149) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.PersistentSet.iterator(PersistentSet.java:188) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at java.util.Spliterators$IteratorSpliterator.estimateSize(Spliterators.java:1821) ~[?:?]

 at java.util.Spliterator.getExactSizeIfKnown(Spliterator.java:408) ~[?:?]

 at java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:483) ~[?:?]

 at java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:474) ~[?:?]

 at java.util.stream.ReduceOps$ReduceOp.evaluateSequential(ReduceOps.java:913) ~[?:?]

 at java.util.stream.AbstractPipeline.evaluate(AbstractPipeline.java:234) ~[?:?]

 at java.util.stream.ReferencePipeline.collect(ReferencePipeline.java:578) ~[?:?]

 at org.hisp.dhis.programrule.engine.DefaultProgramRuleEntityMapperService.toMappedRuleEvents(DefaultProgramRuleEntityMapperService.java:305) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at jdk.internal.reflect.GeneratedMethodAccessor1415.invoke(Unknown Source) ~[?:?]

[WARN ] 2022-09-29 16:04:38.157 [org.springframework.jms.JmsListenerEndpointContainer#1-1] DefaultMessageListenerContainer - Setup of JMS message listener invoker failed for destination 'dhis2.topic.tracker' - trying to recover. Cause: Java heap space

[INFO ] 2022-09-29 16:04:38.217 [Thread-79 (ActiveMQ-remoting-threads-ActiveMQServerImpl::serverUUID=7ac76fc5-3fe3-11ed-b029-0242ac110003-202145683)] base - AMQ601267: User anonymous@invm:0 is creating a core session on target resource ActiveMQServerImpl::serverUUID=7ac76fc5-3fe3-11ed-b029-0242ac110003 [with parameters: [b3503a79-3fea-11ed-b029-0242ac110003, null, \*\*\*\*, 102400, RemotingConnectionImpl [ID=b3501366-3fea-11ed-b029-0242ac110003, clientID=null, nodeID=7ac76fc5-3fe3-11ed-b029-0242ac110003, transportConnection=InVMConnection [serverID=0, id=b3501366-3fea-11ed-b029-0242ac110003]], false, false, false, false, null, org.apache.activemq.artemis.core.protocol.core.impl.CoreSessionCallback@11e0c78a, true, org.apache.activemq.artemis.core.persistence.impl.nullpm.NullStorageManager$2@6b147911, {}]]

[INFO ] 2022-09-29 16:04:38.218 [Thread-17 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] message - AMQ601500: User null@invm:0 is sending a message CoreMessage[messageID=0,durable=true,userID=b3305665-3fea-11ed-b029-0242ac110003,priority=4, timestamp=Thu Sep 29 16:04:37 AFT 2022,expiration=0, durable=true, address=dhis2.topic.tracker,size=27052,properties=TypedProperties[\_\_AMQ\_CID=b3068742-3fea-11ed-b029-0242ac110003,\_AMQ\_ROUTING\_TYPE=0]]@203947300, with Context: RoutingContextImpl(Address=null, routingType=null, PreviousAddress=null previousRoute:null, reusable=null, version=0)

..................................................

[INFO ] 2022-09-29 16:04:38.995 [Thread-81 (ActiveMQ-remoting-threads-ActiveMQServerImpl::serverUUID=7ac76fc5-3fe3-11ed-b029-0242ac110003-202145683)] base - AMQ601267: User anonymous@invm:0 is creating a core session on target resource ActiveMQServerImpl::serverUUID=7ac76fc5-3fe3-11ed-b029-0242ac110003 [with parameters: [b3ac161a-3fea-11ed-b029-0242ac110003, null, \*\*\*\*, 102400, RemotingConnectionImpl [ID=b3501366-3fea-11ed-b029-0242ac110003, clientID=null, nodeID=7ac76fc5-3fe3-11ed-b029-0242ac110003, transportConnection=InVMConnection [serverID=0, id=b3501366-3fea-11ed-b029-0242ac110003]], true, true, false, false, null, org.apache.activemq.artemis.core.protocol.core.impl.CoreSessionCallback@59b69124, true, org.apache.activemq.artemis.core.persistence.impl.nullpm.NullStorageManager$2@6b147911, {}]]

[INFO ] 2022-09-29 16:04:39.357 [Thread-4 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] base - AMQ601262: User null@invm:0 is creating address on target resource: b3ac161a-3fea-11ed-b029-0242ac110003 [with parameters: [dhis2.topic.tracker, [MULTICAST], true]]

[INFO ] 2022-09-29 16:04:39.358 [Thread-4 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] base - AMQ601019: User anonymous@invm:0 is getting mbean info on target resource: org.apache.activemq.artemis.core.management.impl.AddressControlImpl@4cfceab4 []

[INFO ] 2022-09-29 16:04:39.364 [Thread-27 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] resource - AMQ601065: User null@invm:0 is creating a queue on target resource: ServerSessionImpl(jms-session=\*N/A\*) [with parameters: [QueueConfiguration [id=null, name=2432a474-40c9-4bd7-9863-52a8b9de5659, address=dhis2.topic.tracker, routingType=MULTICAST, filterString=null, durable=false, user=null, maxConsumers=-1, exclusive=null, groupRebalance=null, groupRebalancePauseDispatch=null, groupBuckets=null, groupFirstKey=null, lastValue=null, lastValueKey=null, nonDestructive=null, purgeOnNoConsumers=false, enabled=null, consumersBeforeDispatch=null, delayBeforeDispatch=null, consumerPriority=null, autoDelete=null, autoDeleteDelay=null, autoDeleteMessageCount=null, ringSize=null, configurationManaged=null, temporary=true, autoCreateAddress=null, internal=null, transient=null, autoCreated=false]]]

[INFO ] 2022-09-29 16:04:39.365 [Thread-27 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] base - AMQ601019: User anonymous@invm:0 is getting mbean info on target resource: org.apache.activemq.artemis.core.management.impl.QueueControlImpl@13dd7fc2 []

[INFO ] 2022-09-29 16:04:39.372 [Thread-9 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] base - AMQ601265: User null@invm:0 is creating a core consumer on target resource ServerSessionImpl(jms-session=\*N/A\*) [with parameters: [0, 2432a474-40c9-4bd7-9863-52a8b9de5659, null, 0, false, true, null]]

[INFO ] 2022-09-29 16:04:40.553 [http-nio-8080-exec-5] cache - HHH90001005: Cache[org.hisp.dhis.user.UserCredentials] Key[org.hisp.dhis.user.UserCredentials#137490]

A soft-locked cache entry was expired by the underlying cache. If this happens regularly you should consider increasing the cache timeouts and/or capacity limits

[INFO ] 2022-09-29 16:04:40.554 [http-nio-8080-exec-5] AbstractReadWriteAccess - Cached entry expired : org.hisp.dhis.user.UserCredentials#137490

[INFO ] 2022-09-29 16:04:40.554 [http-nio-8080-exec-5] cache - HHH90001005: Cache[org.hisp.dhis.user.UserCredentials] Key[org.hisp.dhis.user.UserCredentials#137490]

A soft-locked cache entry was expired by the underlying cache. If this happens regularly you should consider increasing the cache timeouts and/or capacity limits

[INFO ] 2022-09-29 16:04:40.554 [http-nio-8080-exec-5] AbstractReadWriteAccess - Cached entry expired : org.hisp.dhis.user.UserCredentials#137490

[WARN ] 2022-09-29 16:06:59.804 [taskScheduler-20] LoadContexts - HHH000100: Fail-safe cleanup (collections) : org.hibernate.engine.loading.internal.CollectionLoadContext@5cbc0908<rs=com.mchange.v2.c3p0.impl.NewProxyResultSet@3a108360 [wrapping: null]>

[WARN ] 2022-09-29 16:06:59.811 [taskScheduler-2] LoadContexts - HHH000100: Fail-safe cleanup (collections) : org.hibernate.engine.loading.internal.CollectionLoadContext@93b8eeb<rs=com.mchange.v2.c3p0.impl.NewProxyResultSet@46a398 [wrapping: null]>

[WARN ] 2022-09-29 16:06:59.813 [taskScheduler-13] LoadContexts - HHH000100: Fail-safe cleanup (collections) : org.hibernate.engine.loading.internal.CollectionLoadContext@572e0460<rs=com.mchange.v2.c3p0.impl.NewProxyResultSet@7037efa7 [wrapping: null]>

[WARN ] 2022-09-29 16:06:59.823 [taskScheduler-13] CollectionLoadContext - HHH000160: On CollectionLoadContext#cleanup, localLoadingCollectionKeys contained [1] entries

[WARN ] 2022-09-29 16:06:59.823 [taskScheduler-2] CollectionLoadContext - HHH000160: On CollectionLoadContext#cleanup, localLoadingCollectionKeys contained [1] entries

[WARN ] 2022-09-29 16:06:59.823 [taskScheduler-20] CollectionLoadContext - HHH000160: On CollectionLoadContext#cleanup, localLoadingCollectionKeys contained [1] entries

[ERROR] 2022-09-29 16:06:59.826 [taskScheduler-20] SimpleAsyncUncaughtExceptionHandler - Unexpected exception occurred invoking async method: public void org.hisp.dhis.programrule.engine.ProgramRuleEngineListener.onEventCompletion(org.hisp.dhis.programrule.engine.StageCompletionEvaluationEvent)

java.lang.OutOfMemoryError: Java heap space

[ERROR] 2022-09-29 16:06:59.826 [taskScheduler-2] SimpleAsyncUncaughtExceptionHandler - Unexpected exception occurred invoking async method: public void org.hisp.dhis.programrule.engine.ProgramRuleEngineListener.onEventCompletion(org.hisp.dhis.programrule.engine.StageCompletionEvaluationEvent)

java.lang.OutOfMemoryError: Java heap space

[ERROR] 2022-09-29 16:06:59.826 [taskScheduler-13] SimpleAsyncUncaughtExceptionHandler - Unexpected exception occurred invoking async method: public void org.hisp.dhis.programrule.engine.ProgramRuleEngineListener.onDataValueChange(org.hisp.dhis.programrule.engine.DataValueUpdatedEvent)

java.lang.OutOfMemoryError: Java heap space

Exception in thread "http-nio-8080-Acceptor" java.lang.OutOfMemoryError: Java heap space

[WARN ] 2022-09-29 16:07:10.854 [taskScheduler-25] SqlExceptionHelper - SQL Error: 0, SQLState: 53200

[ERROR] 2022-09-29 16:07:10.854 [taskScheduler-25] SqlExceptionHelper - Ran out of memory retrieving query results.

[ERROR] 2022-09-29 16:07:10.858 [taskScheduler-25] SimpleAsyncUncaughtExceptionHandler - Unexpected exception occurred invoking async method: public void org.hisp.dhis.programrule.engine.ProgramRuleEngineListener.onDataValueChange(org.hisp.dhis.programrule.engine.DataValueUpdatedEvent)

org.hibernate.exception.GenericJDBCException: could not extract ResultSet

 at org.hibernate.exception.internal.StandardSQLExceptionConverter.convert(StandardSQLExceptionConverter.java:47) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.engine.jdbc.spi.SqlExceptionHelper.convert(SqlExceptionHelper.java:113) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.engine.jdbc.spi.SqlExceptionHelper.convert(SqlExceptionHelper.java:99) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.engine.jdbc.internal.ResultSetReturnImpl.extract(ResultSetReturnImpl.java:67) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.internal.AbstractLoadPlanBasedLoader.getResultSet(AbstractLoadPlanBasedLoader.java:390) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.internal.AbstractLoadPlanBasedLoader.executeQueryStatement(AbstractLoadPlanBasedLoader.java:163) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.plan.exec.internal.AbstractLoadPlanBasedLoader.executeLoad(AbstractLoadPlanBasedLoader.java:104) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.loader.collection.plan.AbstractLoadPlanBasedCollectionInitializer.initialize(AbstractLoadPlanBasedCollectionInitializer.java:87) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.persister.collection.AbstractCollectionPersister.initialize(AbstractCollectionPersister.java:710) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.event.internal.DefaultInitializeCollectionEventListener.onInitializeCollection(DefaultInitializeCollectionEventListener.java:76) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.event.service.internal.EventListenerGroupImpl.fireEventOnEachListener(EventListenerGroupImpl.java:93) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.internal.SessionImpl.initializeCollection(SessionImpl.java:2163) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.AbstractPersistentCollection$4.doWork(AbstractPersistentCollection.java:589) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.AbstractPersistentCollection.withTemporarySessionIfNeeded(AbstractPersistentCollection.java:264) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.AbstractPersistentCollection.initialize(AbstractPersistentCollection.java:585) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.AbstractPersistentCollection.read(AbstractPersistentCollection.java:149) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at org.hibernate.collection.internal.PersistentSet.iterator(PersistentSet.java:188) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 at java.util.Spliterators$IteratorSpliterator.estimateSize(Spliterators.java:1821) ~[?:?]

 at java.util.Spliterator.getExactSizeIfKnown(Spliterator.java:408) ~[?:?]

 at java.util.stream.AbstractPipeline.copyInto(AbstractPipeline.java:483) ~[?:?]

 at java.util.stream.AbstractPipeline.wrapAndCopyInto(AbstractPipeline.java:474) ~[?:?]

 at java.util.stream.ReduceOps$ReduceOp.evaluateSequential(ReduceOps.java:913) ~[?:?]

 at java.util.stream.AbstractPipeline.evaluate(AbstractPipeline.java:234) ~[?:?]

 at java.util.stream.ReferencePipeline.collect(ReferencePipeline.java:578) ~[?:?]

 at org.hisp.dhis.programrule.engine.DefaultProgramRuleEntityMapperService.toMappedRuleEvents(DefaultProgramRuleEntityMapperService.java:305) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at jdk.internal.reflect.GeneratedMethodAccessor1415.invoke(Unknown Source) ~[?:?]

 at jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) ~[?:?]

 at java.lang.reflect.Method.invoke(Method.java:566) ~[?:?]

 at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection(AopUtils.java:344) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint(ReflectiveMethodInvocation.java:198) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:163) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.transaction.interceptor.TransactionInterceptor$1.proceedWithInvocation(TransactionInterceptor.java:123) ~[spring-tx-5.3.18.jar:5.3.18]

 at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:388) ~[spring-tx-5.3.18.jar:5.3.18]

 at org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:119) ~[spring-tx-5.3.18.jar:5.3.18]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:186) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:212) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at com.sun.proxy.$Proxy311.toMappedRuleEvents(Unknown Source) ~[?:?]

 at org.hisp.dhis.programrule.engine.ProgramRuleEngine.getRuleEvents(ProgramRuleEngine.java:289) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at org.hisp.dhis.programrule.engine.ProgramRuleEngine.evaluate(ProgramRuleEngine.java:102) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at org.hisp.dhis.programrule.engine.DefaultProgramRuleEngineService.evaluateEventAndRunEffects(DefaultProgramRuleEngineService.java:167) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at org.hisp.dhis.programrule.engine.DefaultProgramRuleEngineService.evaluateEventAndRunEffects(DefaultProgramRuleEngineService.java:139) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at jdk.internal.reflect.GeneratedMethodAccessor1393.invoke(Unknown Source) ~[?:?]

 at jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) ~[?:?]

 at java.lang.reflect.Method.invoke(Method.java:566) ~[?:?]

 at org.springframework.aop.support.AopUtils.invokeJoinpointUsingReflection(AopUtils.java:344) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.invokeJoinpoint(ReflectiveMethodInvocation.java:198) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:163) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.transaction.interceptor.TransactionInterceptor$1.proceedWithInvocation(TransactionInterceptor.java:123) ~[spring-tx-5.3.18.jar:5.3.18]

 at org.springframework.transaction.interceptor.TransactionAspectSupport.invokeWithinTransaction(TransactionAspectSupport.java:388) ~[spring-tx-5.3.18.jar:5.3.18]

 at org.springframework.transaction.interceptor.TransactionInterceptor.invoke(TransactionInterceptor.java:119) ~[spring-tx-5.3.18.jar:5.3.18]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:186) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.JdkDynamicAopProxy.invoke(JdkDynamicAopProxy.java:212) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at com.sun.proxy.$Proxy314.evaluateEventAndRunEffects(Unknown Source) ~[?:?]

 at org.hisp.dhis.programrule.engine.ProgramRuleEngineListener.onDataValueChange(ProgramRuleEngineListener.java:55) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at org.hisp.dhis.programrule.engine.ProgramRuleEngineListener$$FastClassBySpringCGLIB$$de38d172.invoke(<generated>) ~[dhis-service-program-rule-2.37.7.1.jar:?]

 at org.springframework.cglib.proxy.MethodProxy.invoke(MethodProxy.java:218) ~[spring-core-5.3.18.jar:5.3.18]

 at org.springframework.aop.framework.CglibAopProxy$CglibMethodInvocation.invokeJoinpoint(CglibAopProxy.java:779) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.ReflectiveMethodInvocation.proceed(ReflectiveMethodInvocation.java:163) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.framework.CglibAopProxy$CglibMethodInvocation.proceed(CglibAopProxy.java:750) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at org.springframework.aop.interceptor.AsyncExecutionInterceptor.lambda$invoke$0(AsyncExecutionInterceptor.java:115) ~[spring-aop-5.2.15.RELEASE.jar:5.2.15.RELEASE]

 at java.util.concurrent.FutureTask.run(FutureTask.java:264) [?:?]

 at java.util.concurrent.ScheduledThreadPoolExecutor$ScheduledFutureTask.run(ScheduledThreadPoolExecutor.java:304) [?:?]

 at java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1128) [?:?]

 at java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:628) [?:?]

 at java.lang.Thread.run(Thread.java:829) [?:?]

Caused by: org.postgresql.util.PSQLException: Ran out of memory retrieving query results.

 at org.postgresql.core.v3.QueryExecutorImpl.processResults(QueryExecutorImpl.java:2256) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.core.v3.QueryExecutorImpl.execute(QueryExecutorImpl.java:323) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.jdbc.PgStatement.executeInternal(PgStatement.java:481) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.jdbc.PgStatement.execute(PgStatement.java:401) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.jdbc.PgPreparedStatement.executeWithFlags(PgPreparedStatement.java:164) ~[postgresql-42.2.19.jar:42.2.19]

 at org.postgresql.jdbc.PgPreparedStatement.executeQuery(PgPreparedStatement.java:114) ~[postgresql-42.2.19.jar:42.2.19]

 at com.mchange.v2.c3p0.impl.NewProxyPreparedStatement.executeQuery(NewProxyPreparedStatement.java:1471) ~[c3p0-0.9.5.5.jar:0.9.5.5]

 at org.hibernate.engine.jdbc.internal.ResultSetReturnImpl.extract(ResultSetReturnImpl.java:57) ~[hibernate-core-5.4.28.Final.jar:5.4.28.Final]

 ... 61 more

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

[WARN ] 2022-09-29 16:16:08.581 [taskScheduler-4] LoadContexts - HHH000100: Fail-safe cleanup (collections) : org.hibernate.engine.loading.internal.CollectionLoadContext@39d404e8<rs=com.mchange.v2.c3p0.impl.NewProxyResultSet@5c567db8 [wrapping: null]>

[WARN ] 2022-09-29 16:16:08.585 [taskScheduler-4] CollectionLoadContext - HHH000160: On CollectionLoadContext#cleanup, localLoadingCollectionKeys contained [1] entries

[ERROR] 2022-09-29 16:16:08.591 [taskScheduler-4] SimpleAsyncUncaughtExceptionHandler - Unexpected exception occurred invoking async method: public void org.hisp.dhis.programrule.engine.ProgramRuleEngineListener.onEventCompletion(org.hisp.dhis.programrule.engine.StageCompletionEvaluationEvent)

java.lang.OutOfMemoryError: Java heap space

[WARN ] 2022-09-29 16:28:48.608 [C3P0PooledConnectionPoolManager[identityToken->1bqq1hfar11yvemt1m0jzz4|1dcb82b0]-AdminTaskTimer] ThreadPoolAsynchronousRunner - com.mchange.v2.async.ThreadPoolAsynchronousRunner$DeadlockDetector@307492a0 -- APPARENT DEADLOCK!!! Creating emergency threads for unassigned pending tasks!

 Unexpected exception occurred invoking async method: public void org.hisp.dhis.programrule.engine.ProgramRuleEngineListener.onEventCompletion(org.hisp.dhis.programrule.engine.StageCompletionEvaluationEvent)

java.lang.OutOfMemoryError: Java heap space

Exception in thread "http-nio-8080-Poller" java.lang.OutOfMemoryError: Java heap space

Exception in thread "Thread-120 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)" java.lang.OutOfMemoryError: Java heap space

[WARN ] 2022-09-29 16:44:40.429 [taskScheduler-15] LoadContexts - HHH000100: Fail-safe cleanup (collections) : org.hibernate.engine.loading.internal.CollectionLoadContext@18fd3053<rs=com.mchange.v2.c3p0.impl.NewProxyResultSet@2e133c03 [wrapping: null]>

[WARN ] 2022-09-29 16:44:40.439 [taskScheduler-15] CollectionLoadContext - HHH000160: On CollectionLoadContext#cleanup, localLoadingCollectionKeys contained [1] entries

[WARN ] 2022-09-29 16:44:45.310 [C3P0PooledConnectionPoolManager[identityToken->1bqq1hfar11yvemt1m0jzz4|1dcb82b0]-AdminTaskTimer] ThreadPoolAsynchronousRunner - com.mchange.v2.async.ThreadPoolAsynchronousRunner$DeadlockDetector@307492a0 -- APPARENT DEADLOCK!!! Complete Status:

 Managed Threads: 3

 Active Threads: 3

 Active Tasks:

 com.mchange.v2.resourcepool.BasicResourcePool$1RefurbishCheckinResourceTask@4477105d

 on thread: C3P0PooledConnectionPoolManager[identityToken->1bqq1hfar11yvemt1m0jzz4|1dcb82b0]-HelperThread-#1

 com.mchange.v2.resourcepool.BasicResourcePool$1RefurbishCheckinResourceTask@37a941b6

 on thread: C3P0PooledConnectionPoolManager[identityToken->1bqq1hfar11yvemt1m0jzz4|1dcb82b0]-HelperThread-#2

 com.mchange.v2.resourcepool.BasicResourcePool$1RefurbishCheckinResourceTask@7e9b4ee1

 on thread: C3P0PooledConnectionPoolManager[identityToken->1bqq1hfar11yvemt1m0jzz4|1dcb82b0]-HelperThread-#0

 Pending Tasks:

 com.mchange.v2.resourcepool.BasicResourcePool$1RefurbishCheckinResourceTask@4c22dd95

 com.mchange.v2.resourcepool.BasicResourcePool$1RefurbishCheckinResourceTask@30abd9b4

 com.mchange.v2.resourcepool.BasicResourcePool$1RefurbishCheckinResourceTask@4df28ae6

Pool thread stack traces:

 Thread[C3P0PooledConnectionPoolManager[identityToken->1bqq1hfar11yvemt1m0jzz4|1dcb82b0]-HelperThread-#1,5,main]

 com.mchange.v2.async.ThreadPoolAsynchronousRunner$PoolThread.run(ThreadPoolAsynchronousRunner.java:720)

 Thread[C3P0PooledConnectionPoolManager[identityToken->1bqq1hfar11yvemt1m0jzz4|1dcb82b0]-HelperThread-#2,5,main]

 com.mchange.v2.async.ThreadPoolAsynchronousRunner$PoolThread.run(ThreadPoolAsynchronousRunner.java:720)

 Thread[C3P0PooledConnectionPoolManager[identityToken->1bqq1hfar11yvemt1m0jzz4|1dcb82b0]-HelperThread-#0,5,main]

 com.mchange.v2.async.ThreadPoolAsynchronousRunner$PoolThread.run(ThreadPoolAsynchronousRunner.java:720)

[ERROR] 2022-09-29 16:44:45.401 [taskScheduler-15] SimpleAsyncUncaughtExceptionHandler - Unexpected exception occurred invoking async method: public void org.hisp.dhis.programrule.engine.ProgramRuleEngineListener.onEventCompletion(org.hisp.dhis.programrule.engine.StageCompletionEvaluationEvent)

java.lang.OutOfMemoryError: Java heap space

ger$2@6b147911, {}]]

[INFO ] 2022-09-29 16:04:39.357 [Thread-4 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] base - AMQ601262: User null@invm:0 is creating address on target resource: b3ac161a-3fea-11ed-b029-0242ac110003 [with parameters: [dhis2.topic.tracker, [MULTICAST], true]]

[INFO ] 2022-09-29 16:04:39.358 [Thread-4 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] base - AMQ601019: User anonymous@invm:0 is getting mbean info on target resource: org.apache.activemq.artemis.core.management.impl.AddressControlImpl@4cfceab4 []

[INFO ] 2022-09-29 16:04:39.364 [Thread-27 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] resource - AMQ601065: User null@invm:0 is creating a queue on target resource: ServerSessionImpl(jms-session=\*N/A\*) [with parameters: [QueueConfiguration [id=null, name=2432a474-40c9-4bd7-9863-52a8b9de5659, address=dhis2.topic.tracker, routingType=MULTICAST, filterString=null, durable=false, user=null, maxConsumers=-1, exclusive=null, groupRebalance=null, groupRebalancePauseDispatch=null, groupBuckets=null, groupFirstKey=null, lastValue=null, lastValueKey=null, nonDestructive=null, purgeOnNoConsumers=false, enabled=null, consumersBeforeDispatch=null, delayBeforeDispatch=null, consumerPriority=null, autoDelete=null, autoDeleteDelay=null, autoDeleteMessageCount=null, ringSize=null, configurationManaged=null, temporary=true, autoCreateAddress=null, internal=null, transient=null, autoCreated=false]]]

[INFO ] 2022-09-29 16:04:39.365 [Thread-27 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] base - AMQ601019: User anonymous@invm:0 is getting mbean info on target resource: org.apache.activemq.artemis.core.management.impl.QueueControlImpl@13dd7fc2 []

[INFO ] 2022-09-29 16:04:39.372 [Thread-9 (ActiveMQ-server-org.apache.activemq.artemis.core.server.impl.ActiveMQServerImpl$6@367b07c7)] base - AMQ601265: User null@invm:0 is creating a core consumer on target resource ServerSessionImpl(jms-session=\*N/A\*) [with parameters: [0, 2432a474-40c9-4bd7-9863-52a8b9de5659, null, 0, false, true, null]]

[INFO ] 2022-09-29 16:04:40.553 [http-nio-8080-exec-5] cache - HHH90001005: Cache[org.hisp.dhis.user.UserCredentials] Key[org.hisp.dhis.user.UserCredentials#137490]

A soft-locked cache entry was expired by the underlying cache. If this happens regularly you should consider increasing the cache timeouts and/or capacity limits

[INFO ] 2022-09-29 16:04:40.554 [http-nio-8080-exec-5] AbstractReadWriteAccess - Cached entry expired : org.hisp.dhis.user.UserCredentials#137490

[INFO ] 2022-09-29 16:04:40.554 [http-nio-8080-exec-5] cache - HHH90001005: Cache[org.hisp.dhis.user.UserCredentials] Key[org.hisp.dhis.user.UserCredentials#137490]

A soft-locked cache entry was expired by the underlying cache. If this happens regularly you should consider increasing the cache timeouts and/or capacity limits

[INFO ] 2022-09-29 16:04:40.554 [http-nio-8080-exec-5] AbstractReadWriteAccess - Cached entry expired : org.hisp.dhis.user.UserCredentials#137490

[WARN ] 2022-09-29 16:06:59.804 [taskScheduler-20] LoadContexts - HHH000100: Fail-safe cleanup (collections) : org.hibernate.engine.loading.internal.CollectionLoadContext@5cbc0908<rs=com.mchange.v2.c3p0.impl.NewProxyResultSet@3a108360 [wrapping: null]>

[WARN ] 2022-09-29 16:06:59.811 [taskScheduler-2] LoadContexts - HHH000100: Fail-safe cleanup (collections) : org.hibernate.engine.loading.internal.CollectionLoadContext@93b8eeb<rs=com.mchange.v2.c3p0.impl.NewProxyResultSet@46a398 [wrapping: null]>