

NOTE: Picked up JDK\_JAVA\_OPTIONS: --add-opens=java.base/  
java.lang=ALL-UNNAMED --add-opens=java.base/java.io=ALL-UNNAMED --  
add-opens=java.base/java.util=ALL-UNNAMED --add-opens=java.base/  
java.util.concurrent=ALL-UNNAMED --add-opens=java.rmi/  
sun.rmi.transport=ALL-UNNAMED  
Java HotSpot(TM) 64-Bit Server VM warning: Ignoring option  
MaxPermSize; support was removed in 8.0  
05-Oct-2023 10:07:20.825 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log Server version  
name: Apache Tomcat/9.0.67  
05-Oct-2023 10:07:20.827 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log Server built:  
Sep 23 2022 11:22:29 UTC  
05-Oct-2023 10:07:20.827 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log Server version  
number: 9.0.67.0  
05-Oct-2023 10:07:20.827 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log OS Name:  
Mac OS X  
05-Oct-2023 10:07:20.827 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log OS Version:  
13.5.2  
05-Oct-2023 10:07:20.827 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log Architecture:  
aarch64  
05-Oct-2023 10:07:20.827 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log Java  
Home: /Library/Java/JavaVirtualMachines/  
jdk-11.0.16.1.jdk/Contents/Home  
05-Oct-2023 10:07:20.827 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log JVM Version:  
11.0.16.1+1-LTS-1  
05-Oct-2023 10:07:20.827 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log JVM Vendor:  
Oracle Corporation  
05-Oct-2023 10:07:20.827 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log  
CATALINA\_BASE: /usr/local/tomcat9.39  
05-Oct-2023 10:07:20.827 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log  
CATALINA\_HOME: /usr/local/tomcat9.39  
05-Oct-2023 10:07:20.834 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log Command line  
argument: --add-opens=java.base/java.lang=ALL-UNNAMED  
05-Oct-2023 10:07:20.834 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log Command line  
argument: --add-opens=java.base/java.io=ALL-UNNAMED  
05-Oct-2023 10:07:20.834 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log Command line  
argument: --add-opens=java.base/java.util=ALL-UNNAMED  
05-Oct-2023 10:07:20.834 INFO [main]  
org.apache.catalina.startup.VersionLoggerListener.log Command line  
argument: --add-opens=java.base/java.util.concurrent=ALL-UNNAMED  
05-Oct-2023 10:07:20.834 INFO [main]

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org.apache.catalina.startup.VersionLoggerListener.log Command line
argument: --add-opens=java.rmi/sun.rmi.transport=ALL-UNNAMED
05-Oct-2023 10:07:20.834 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument: -Djava.util.logging.config.file=/usr/local/tomcat9.39/
conf/logging.properties
05-Oct-2023 10:07:20.834 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument:
-Djava.util.logging.manager=org.apache.juli.ClassLoaderLogManager
05-Oct-2023 10:07:20.834 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument: -Djdk.tls.ephemeralDHKeySize=2048
05-Oct-2023 10:07:20.834 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument:
-Djava.protocol.handler.pkgs=org.apache.catalina.webresources
05-Oct-2023 10:07:20.834 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument: -Dorg.apache.catalina.security.SecurityListener.UMASK=0027
05-Oct-2023 10:07:20.834 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument: -Xms1024m
05-Oct-2023 10:07:20.834 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument: -Xmx3096m
05-Oct-2023 10:07:20.834 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument: -XX:MaxPermSize=3096m
05-Oct-2023 10:07:20.834 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument: -Dfile.encoding=UTF8
05-Oct-2023 10:07:20.834 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument: -Dignore.endorsed.dirs=
05-Oct-2023 10:07:20.835 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument: -Dcatalina.base=/usr/local/tomcat9.39
05-Oct-2023 10:07:20.835 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument: -Dcatalina.home=/usr/local/tomcat9.39
05-Oct-2023 10:07:20.835 INFO [main]
org.apache.catalina.startup.VersionLoggerListener.log Command line
argument: -Djava.io.tmpdir=/usr/local/tomcat9.39/temp
05-Oct-2023 10:07:20.840 INFO [main]
org.apache.catalina.core.AprLifecycleListener.lifecycleEvent The
Apache Tomcat Native library which allows using OpenSSL was not
found on the java.library.path: [/Users/aut/Library/Java/
Extensions:/Library/Java/Extensions:/Network/Library/Java/
Extensions:/System/Library/Java/Extensions:/usr/lib/java:.]
05-Oct-2023 10:07:20.979 INFO [main]
org.apache.coyote.AbstractProtocol.init Initializing ProtocolHandler
["http-nio-8085"]
05-Oct-2023 10:07:20.993 INFO [main]
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org.apache.catalina.startup.Catalina.load Server initialization in
[261] milliseconds
05-Oct-2023 10:07:21.018 INFO [main]
org.apache.catalina.core.StandardService.startInternal Starting
service [Catalina]
05-Oct-2023 10:07:21.018 INFO [main]
org.apache.catalina.core.StandardEngine.startInternal Starting
Servlet engine: [Apache Tomcat/9.0.67]
05-Oct-2023 10:07:21.022 INFO [main]
org.apache.catalina.startup.HostConfig.deployDescriptor Deploying
deployment descriptor [/usr/local/tomcat9.39/conf/Catalina/
localhost/dhis.xml]
05-Oct-2023 10:07:21.040 SEVERE [main]
org.apache.catalina.startup.HostConfig.deployDescriptor Error
deploying deployment descriptor [/usr/local/tomcat9.39/conf/
Catalina/localhost/dhis.xml]
    java.lang.IllegalStateException: Error starting child
        at
org.apache.catalina.core.ContainerBase.addChildInternal(ContainerBas
e.java:729)
        at
org.apache.catalina.core.ContainerBase.addChild(ContainerBase.java:6
98)
        at
org.apache.catalina.core.StandardHost.addChild(StandardHost.java:696
)
        at
org.apache.catalina.startup.HostConfig.deployDescriptor(HostConfig.j
ava:690)
        at
org.apache.catalina.startup.HostConfig$DeployDescriptor.run(HostConf
ig.java:1889)
            at java.base/
java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:5
15)
                at java.base/
java.util.concurrent.FutureTask.run(FutureTask.java:264)
                    at
org.apache.tomcat.util.threads.InlineExecutorService.execute(InlineE
xecutorService.java:75)
                        at java.base/
java.util.concurrent.AbstractExecutorService.submit(AbstractExecutor
Service.java:118)
                            at
org.apache.catalina.startup.HostConfig.deployDescriptors(HostConfig.
java:583)
                                at
org.apache.catalina.startup.HostConfig.deployApps(HostConfig.java:47
3)
                                    at
org.apache.catalina.startup.HostConfig.start(HostConfig.java:1618)
                                        at
org.apache.catalina.startup.HostConfig.lifecycleEvent(HostConfig.jav
a:319)
```

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        at
org.apache.catalina.util.LifecycleBase.fireLifecycleEvent(LifecycleBase.java:123)
        at
org.apache.catalina.util.LifecycleBase.setStateInternal(LifecycleBase.java:423)
        at
org.apache.catalina.util.LifecycleBase.setState(LifecycleBase.java:366)
        at
org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:946)
        at
org.apache.catalina.core.StandardHost.startInternal(StandardHost.java:835)
        at
org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:183)
        at
org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1396)
        at
org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase.java:1386)
        at java.base/
java.util.concurrent.FutureTask.run(FutureTask.java:264)
        at
org.apache.tomcat.util.threads.InlineExecutorService.execute(InlineExecutorService.java:75)
        at java.base/
java.util.concurrent.AbstractExecutorService.submit(AbstractExecutorService.java:140)
        at
org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.java:919)
        at
org.apache.catalina.core.StandardEngine.startInternal(StandardEngine.java:265)
        at
org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:183)
        at
org.apache.catalina.core.StandardService.startInternal(StandardService.java:432)
        at
org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:183)
        at
org.apache.catalina.core.StandardServer.startInternal(StandardServer.java:930)
        at
org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:183)
        at
org.apache.catalina.startup.Catalina.start(Catalina.java:772)
        at java.base/
jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
        at java.base/
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jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAcc
essorImpl.java:62)
    at java.base/
jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingM
ethodAccessorImpl.java:43)
    at java.base/
java.lang.reflect.Method.invoke(Method.java:566)
    at
org.apache.catalina.startup.Bootstrap.start(Bootstrap.java:345)
    at
org.apache.catalina.startup.Bootstrap.main(Bootstrap.java:476)
    Caused by: org.apache.catalina.LifecycleException: Failed to
start component
[org.apache.catalina.webresources.StandardRoot@b1712f3]
    at
org.apache.catalina.util.LifecycleBase.handleSubClassException(Lifec
ycleBase.java:440)
    at
org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:198)
    at
org.apache.catalina.core.StandardContext.resourcesStart(StandardCont
ext.java:4886)
    at
org.apache.catalina.core.StandardContext.startInternal(StandardConte
xt.java:5024)
    at
org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:183)
    at
org.apache.catalina.core.ContainerBase.addChildInternal(ContainerBas
e.java:726)
    ... 37 more
    Caused by: java.lang.IllegalArgumentException: The main
resource set specified [/usr/local/tomcat9.39/webapps/dhis] is not
valid
    at
org.apache.catalina.webresources.StandardRoot.createMainResourceSet(
StandardRoot.java:762)
    at
org.apache.catalina.webresources.StandardRoot.startInternal(Standard
Root.java:719)
    at
org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:183)
    ... 41 more
05-Oct-2023 10:07:21.042 INFO [main]
org.apache.catalina.startup.HostConfig.deployDescriptor Deployment
of deployment descriptor [/usr/local/tomcat9.39/conf/Catalina/
localhost/dhis.xml] has finished in [19] ms
05-Oct-2023 10:07:21.050 INFO [main]
org.apache.catalina.startup.HostConfig.deployWAR Deploying web
application archive [/usr/local/tomcat9.39/webapps/ROOT.war]
05-Oct-2023 10:07:26.924 INFO [main]
org.apache.jasper.servlet.TldScanner.scanJars At least one JAR was
scanned for TLDs yet contained no TLDs. Enable debug logging for
this logger for a complete list of JARs that were scanned but no
```

TLDs were found in them. Skipping unneeded JARs during scanning can improve startup time and JSP compilation time.

- \* INFO 2023-10-05T10:07:27,594 Context variable dhis2-home not set (LogOnceLogger.java [main])
- \* INFO 2023-10-05T10:07:27,600 System property dhis2.home not set (LogOnceLogger.java [main])
- \* INFO 2023-10-05T10:07:27,602 Environment variable DHIS2\_HOME points to /Users/aut/dhis/dhis239 (LogOnceLogger.java [main])
- \* INFO 2023-10-05T10:07:27,626 File /Users/aut/dhis/dhis239/dhis-google-auth.json does not exist (LogOnceLogger.java [main])
- \* INFO 2023-10-05T10:07:27,626 Could not find dhis-google-auth.json (LogOnceLogger.java [main])
- \* INFO 2023-10-05T10:07:28,761 Monitoring metric for key monitoring.cpu.enabled is disabled (MetricsEnabler.java [main])
- \* INFO 2023-10-05T10:07:28,761 Monitoring metric for key monitoring.hibernate.enabled is disabled (MetricsEnabler.java [main])
- \* INFO 2023-10-05T10:07:28,762 Monitoring metric for key monitoring.uptime.enabled is disabled (MetricsEnabler.java [main])
- \* INFO 2023-10-05T10:07:28,763 Monitoring metric for key monitoring.jvm.enabled is disabled (MetricsEnabler.java [main])
- \* INFO 2023-10-05T10:07:28,763 Monitoring metric for key monitoring.dbpool.enabled is disabled (MetricsEnabler.java [main])
- \* INFO 2023-10-05T10:07:28,931 Monitoring metric for key monitoring.api.enabled is disabled (MetricsEnabler.java [main])
- \* INFO 2023-10-05T10:07:30,997 Hibernate configuration loaded: dialect: 'org.hisp.dhis.hibernate.dialect.DhisPostgresDialect', region factory: 'org.hibernate.cache.ehcache.EhCacheRegionFactory', connection pool max size: null (DefaultHibernateConfigurationProvider.java [main])
- \* WARN 2023-10-05T10:07:32,204 DB: relation "in\_unique\_trackedentityprogramowner\_teiid\_programid\_ouid" already exists, skipping (SQL State: 42P07 - Error Code: 0) (Log4j2Log.java [main])
- \* WARN 2023-10-05T10:07:32,205 DB: relation "in\_programinstance\_programid" already exists, skipping (SQL State: 42P07 - Error Code: 0) (Log4j2Log.java [main])
- \* WARN 2023-10-05T10:07:32,206 DB: relation "in\_trackedentityinstance\_trackedentityattribute\_value" already exists, skipping (SQL State: 42P07 - Error Code: 0) (Log4j2Log.java [main])
- \* WARN 2023-10-05T10:07:32,207 DB: relation "in\_programstageinstance\_status\_executiondate" already exists, skipping (SQL State: 42P07 - Error Code: 0) (Log4j2Log.java [main])
- \* WARN 2023-10-05T10:07:32,240 DB: column "translations" of relation "externalmaplayer" already exists, skipping (SQL State: 42701 - Error Code: 0) (Log4j2Log.java [main])
- \* WARN 2023-10-05T10:07:32,241 DB: column "last10years" of relation "relativeperiods" already exists, skipping (SQL State: 42701 - Error Code: 0) (Log4j2Log.java [main])
- \* WARN 2023-10-05T10:07:32,245 DB: column "last10financialyears" of relation "relativeperiods" already exists, skipping (SQL State: 42701 - Error Code: 0) (Log4j2Log.java [main])
- \* WARN 2023-10-05T10:07:32,247 DB: column "translations" of

relation "programnotificationtemplate" already exists, skipping (SQL State: 42701 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,247 DB: column "translations" of relation "datasetnotificationtemplate" already exists, skipping (SQL State: 42701 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,248 DB: column "translations" of relation "validationnotificationtemplate" already exists, skipping (SQL State: 42701 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,285 DB: column "image" of relation "organisationunit" already exists, skipping (SQL State: 42701 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,380 DB: relation "api\_token" already exists, skipping (SQL State: 42P07 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,389 DB: column "disabledataelementautogroup" of relation "section" already exists, skipping (SQL State: 42701 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,450 DB: column "translations" of relation "expression" already exists, skipping (SQL State: 42701 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,452 DB: column "translations" of relation "predictor" already exists, skipping (SQL State: 42701 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,462 DB: column "skipanalytics" of relation "programstagedataelement" already exists, skipping (SQL State: 42701 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,469 DB: column "dataviewmaxorgunitlevel" of relation "userinfo" already exists, skipping (SQL State: 42701 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,562 DB: relation "eventvisualization" already exists, skipping (SQL State: 42P07 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,562 DB: relation "eventvisualization\_attributedimensions" already exists, skipping (SQL State: 42P07 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,562 DB: relation "eventvisualization\_categorydimensions" already exists, skipping (SQL State: 42P07 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,563 DB: relation "eventvisualization\_categoryoptiongroupsetdimensions" already exists, skipping (SQL State: 42P07 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,563 DB: relation "eventvisualization\_columns" already exists, skipping (SQL State: 42P07 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,563 DB: relation "eventvisualization\_dataelementdimensions" already exists, skipping (SQL State: 42P07 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,563 DB: relation "eventvisualization\_filters" already exists, skipping (SQL State: 42P07 – Error Code: 0) (Log4j2Log.java [main])

\* WARN 2023-10-05T10:07:32,563 DB: relation "eventvisualization\_itemorgunitgroups" already exists, skipping (SQL State: 42P07 – Error Code: 0) (Log4j2Log.java [main])

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* WARN 2023-10-05T10:07:32,563 DB: relation
"eventvisualization_organisationunits" already exists, skipping (SQL
State: 42P07 - Error Code: 0) (Log4j2Log.java [main])
* WARN 2023-10-05T10:07:32,564 DB: relation
"eventvisualization_orgunitgroupsetdimensions" already exists,
skipping (SQL State: 42P07 - Error Code: 0) (Log4j2Log.java [main])
* WARN 2023-10-05T10:07:32,564 DB: relation
"eventvisualization_orgunitlevels" already exists, skipping (SQL
State: 42P07 - Error Code: 0) (Log4j2Log.java [main])
* WARN 2023-10-05T10:07:32,564 DB: relation
"eventvisualization_periods" already exists, skipping (SQL State:
42P07 - Error Code: 0) (Log4j2Log.java [main])
* WARN 2023-10-05T10:07:32,564 DB: relation
"eventvisualization_programindicatordimensions" already exists,
skipping (SQL State: 42P07 - Error Code: 0) (Log4j2Log.java [main])
* WARN 2023-10-05T10:07:32,564 DB: relation
"eventvisualization_rows" already exists, skipping (SQL State: 42P07
- Error Code: 0) (Log4j2Log.java [main])
* ERROR 2023-10-05T10:07:32,578 Migration of schema "public" to
version "2.38.12 - Migrate Data Into Event Visualization Tables"
failed! Changes successfully rolled back. (Log4j2Log.java [main])
* WARN 2023-10-05T10:07:32,581 Exception encountered during context
initialization - cancelling refresh attempt:
org.springframework.beans.factory.UnsatisfiedDependencyException:
Error creating bean with name 'webMvcConfig': Unsatisfied dependency
expressed through field 'userService'; nested exception is
org.springframework.beans.factory.UnsatisfiedDependencyException:
Error creating bean with name
'org.hisp.dhis.user.UserService' defined in URL [jar:file:/
usr/local/tomcat9.39/webapps/ROOT/WEB-INF/lib/dhis-service-
core-2.39.2.1.jar!/org/hisp/dhis/user/
DefaultUserService.class]: Unsatisfied dependency expressed
through constructor parameter 2; nested exception is
org.springframework.beans.factory.UnsatisfiedDependencyException:
Error creating bean with name 'org.hisp.dhis.user.UserSettingStore'
defined in URL [jar:file:/usr/local/tomcat9.39/webapps/ROOT/WEB-INF/
lib/dhis-service-core-2.39.2.1.jar!/org/hisp/dhis/user/hibernate/
HibernateUserSettingStore.class]: Unsatisfied dependency expressed
through constructor parameter 0; nested exception is
org.springframework.beans.factory.BeanCreationException: Error
creating bean with name 'flyway' defined in class path resource
[org/hisp/dhis/db/migration/config/FlywayConfig.class]: Invocation
of init method failed; nested exception is
org.flywaydb.core.internal.command.DbMigrate$FlywayMigrateException:
Migration V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql
failed
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SQL State : 23503
Error Code : 0
Message : ERROR: insert or update on table "eventvisualization"
violates foreign key constraint
"fk_evisualization_relativeperiodsid"
Detail: Key (relativeperiodsid)=(366427) is not present in table
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"relativeperiods".
Location   : org/hisp/dhis/db/migration/2.38/
V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql (/Users/
aut/file:/usr/local/tomcat9.39/webapps/ROOT/WEB-INF/lib/dhis-
support-db-migration-2.39.2.1.jar!/org/hisp/dhis/db/migration/2.38/
V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql)
Line      : 7
Statement : -- This script relates to the issue https://
jira.dhis2.org/browse/TECH-703
-- It migrates all necessary data from Event Chart and Event Report
tables
-- into the new structure of Event Visualization tables.

-- Migrate eventchart table into eventvisualization table.
INSERT INTO eventvisualization
(
  -- merged
  eventvisualizationid,

  -- common
  uid,
  code,
  created,
  lastupdated,
  name,
  relativeperiodsid,
  userorganisationunit,
  userorganisationunitchildren,
  userorganisationunitgrandchildren,
  externalaccess,
  userid,
  publicaccess,
  programid,
  programstageid,
  startdate,
  enddate,
  sortorder,
  toplimit,
  outputtype,
  dataelementvaluedimensionid,
  attributevaluedimensionid,
  aggregationtype,
  collapsedatadimensions,
  hidenadata,
  completedonly,
  description,
  title,
  lastupdatedby,
  subtitle,
  hidetitle,
  hidesubtitle,
  programstatus,
  eventstatus,

```

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favorites,
subscribers,
timefield,
translations,
orgunitfield,
userorgunittype,
sharing,
attributevalues,
datatype,

-- merged
type,

-- eventchart specifics
showdata,
rangeaxismaxvalue,
rangeaxisminvalue,
rangeaxissteps,
rangeaxisdecimals,
domainaxislabel,
rangeaxislabel,
hidelegend,
targetlinevalue,
targetlinelabel,
baselinevalue,
baselinelabel,
regressiontype,
hideemptyrowitems,
percentstackedvalues,
cumulativevalues,
nospacebetweencolumns)
SELECT eventchartid,

-- common
uid,
code,
created,
lastupdated,
name,
relativeperiodsid,
userorganisationunit,
userorganisationunitchildren,
userorganisationunitgrandchildren,
externalaccess,
userid,
publicaccess,
programid,
programstageid,
startdate,
enddate,
sortorder,
NULL,
outputtype,
dataelementvaluedimensionid,

```

```
attributevaluedimensionid,  
aggregationtype,  
collapsedatadimensions,  
hidenadata,  
completedonly,  
description,  
title,  
lastupdatedby,  
subtitle,  
hidetitle,  
hidesubtitle,  
programstatus,  
eventstatus,  
favorites,  
subscribers,  
timefield,  
translations,  
orgunitfield,  
userorgunittype,  
sharing,  
attributevalues,  
NULL,  
  
-- merged  
type,  
  
-- eventchart specifics  
showdata,  
rangeaxismaxvalue,  
rangeaxisminvalue,  
rangeaxissteps,  
rangeaxisdecimals,  
domainaxislabel,  
rangeaxislabel,  
hidelegend,  
targetlinevalue,  
targetlinelabel,  
baselinevalue,  
baselinelabel,  
regressiontype,  
hideemptyrowitems,  
percentstackedvalues,  
cumulativevalues,  
nospacebetweencolumns  
FROM eventchart  
  (AbstractApplicationContext.java [main])  
* ERROR 2023-10-05T10:07:32,584 Context initialization failed  
(ContextLoader.java [main])  
org.springframework.beans.factory.UnsatisfiedDependencyException:  
Error creating bean with name 'webMvcConfig': Unsatisfied dependency  
expressed through field 'userService'; nested exception is  
org.springframework.beans.factory.UnsatisfiedDependencyException:  
Error creating bean with name  
'org.hisp.dhis.user.UserService' defined in URL [jar:file:/
```

```
usr/local/tomcat9.39/webapps/ROOT/WEB-INF/lib/dhis-service-
core-2.39.2.1.jar!/org/hisp/dhis/user/
DefaultUserSettingService.class]: Unsatisfied dependency expressed
through constructor parameter 2; nested exception is
org.springframework.beans.factory.UnsatisfiedDependencyException:
Error creating bean with name 'org.hisp.dhis.user.UserSettingStore'
defined in URL [jar:file:/usr/local/tomcat9.39/webapps/ROOT/WEB-INF/
lib/dhis-service-core-2.39.2.1.jar!/org/hisp/dhis/user/hibernate/
HibernateUserSettingStore.class]: Unsatisfied dependency expressed
through constructor parameter 0; nested exception is
org.springframework.beans.factory.BeanCreationException: Error
creating bean with name 'flyway' defined in class path resource
[org/hisp/dhis/db/migration/config/FlywayConfig.class]: Invocation
of init method failed; nested exception is
org.flywaydb.core.internal.command.DbMigrate$FlywayMigrateException:
Migration V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql
failed
```

```
-----
SQL State : 23503
Error Code : 0
Message : ERROR: insert or update on table "eventvisualization"
violates foreign key constraint
"fk_evisualization_relativeperiodsid"
Detail: Key (relativeperiodsid)=(366427) is not present in table
"relativeperiods".
Location : org/hisp/dhis/db/migration/2.38/
V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql (/Users/
aut/file:/usr/local/tomcat9.39/webapps/ROOT/WEB-INF/lib/dhis-
support-db-migration-2.39.2.1.jar!/org/hisp/dhis/db/migration/2.38/
V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql)
Line : 7
Statement : -- This script relates to the issue https://
jira.dhis2.org/browse/TECH-703
-- It migrates all necessary data from Event Chart and Event Report
tables
-- into the new structure of Event Visualization tables.
```

```
-- Migrate eventchart table into eventvisualization table.
```

```
INSERT INTO eventvisualization
(
  -- merged
  eventvisualizationid,

  -- common
  uid,
  code,
  created,
  lastupdated,
  name,
  relativeperiodsid,
  userorganisationunit,
  userorganisationunitchildren,
```

userorganisationunitgrandchildren,  
externalaccess,  
userid,  
publicaccess,  
programid,  
programstageid,  
startdate,  
enddate,  
sortorder,  
toplmit,  
outputtype,  
dataelementvaluedimensionid,  
attributevaluedimensionid,  
aggregationtype,  
collapsedatadimensions,  
hidenadata,  
completedonly,  
description,  
title,  
lastupdatedby,  
subtitle,  
hidetitle,  
hidesubtitle,  
programstatus,  
eventstatus,  
favorites,  
subscribers,  
timefield,  
translations,  
orgunitfield,  
userorgunittype,  
sharing,  
attributevalues,  
datatype,

-- merged  
type,

-- eventchart specifics

showdata,  
rangeaxismaxvalue,  
rangeaxisminvalue,  
rangeaxissteps,  
rangeaxisdecimals,  
domainaxislabel,  
rangeaxislabel,  
hidelegend,  
targetlinevalue,  
targetlinelabel,  
baselinevalue,  
baselinelabel,  
regressiontype,  
hideemptyrowitems,  
percentstackedvalues,

```

cumulativevalues,
nospacebetweencolumns)
SELECT eventchartid,

    -- common
    uid,
    code,
    created,
    lastupdated,
    name,
    relativeperiodsid,
    userorganisationunit,
    userorganisationunitchildren,
    userorganisationunitgrandchildren,
    externalaccess,
    userid,
    publicaccess,
    programid,
    programstageid,
    startdate,
    enddate,
    sortorder,
    NULL,
    outputtype,
    dataelementvaluedimensionid,
    attributevaluedimensionid,
    aggregationtype,
    collapsedatadimensions,
    hidenadata,
    completedonly,
    description,
    title,
    lastupdatedby,
    subtitle,
    hidetitle,
    hidesubtitle,
    programstatus,
    eventstatus,
    favorites,
    subscribers,
    timefield,
    translations,
    orgunitfield,
    userorgunittype,
    sharing,
    attributevalues,
    NULL,

    -- merged
    type,

    -- eventchart specifics
    showdata,
    rangeaxismaxvalue,

```

```
    rangeaxisminvalue,  
    rangeaxissteps,  
    rangeaxisdecimals,  
    domainaxislabel,  
    rangeaxislabel,  
    hidelegend,  
    targetlinevalue,  
    targetlinelabel,  
    baselinevalue,  
    baselinelabel,  
    regressiontype,  
    hideemptyrowitems,  
    percentstackedvalues,  
    cumulativevalues,  
    nospacebetweencolumns  
FROM eventchart
```

```
    at  
org.springframework.beans.factory.annotation.AutowiredAnnotationBean  
PostProcessor$AutowiredFieldElement.resolveFieldValue(AutowiredAnnot  
ationBeanPostProcessor.java:660) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.annotation.AutowiredAnnotationBean  
PostProcessor$AutowiredFieldElement.inject(AutowiredAnnotationBeanPo  
stProcessor.java:640) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.annotation.InjectionMetadata.injec  
t(InjectionMetadata.java:119) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.annotation.AutowiredAnnotationBean  
PostProcessor.postProcessProperties(AutowiredAnnotationBeanPostProce  
ssor.java:399) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.populateBean(AbstractAutowireCapableBeanFactory.java:1431)  
~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:619)  
~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.createBean(AbstractAutowireCapableBeanFactory.java:542)  
~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractBeanFactory.lambda  
$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-  
beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.DefaultSingletonBeanRegist  
ry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-  
beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractBeanFactory.doGetB
```

```
ean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(
AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory
.preInstantiateSingletons(DefaultListableBeanFactory.java:955)
~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.context.support.AbstractApplicationContext.finish
BeanFactoryInitialization(AbstractApplicationContext.java:920)
~[spring-context-5.3.27.jar:5.3.27]
    at
org.springframework.context.support.AbstractApplicationContext.refre
sh(AbstractApplicationContext.java:583) ~[spring-
context-5.3.27.jar:5.3.27]
    at
org.springframework.web.context.ContextLoader.configureAndRefreshWeb
ApplicationContext(ContextLoader.java:399) ~[spring-
web-5.3.27.jar:5.3.27]
    at
org.springframework.web.context.ContextLoader.initWebApplicationCont
ext(ContextLoader.java:278) [spring-web-5.3.27.jar:5.3.27]
    at
org.springframework.web.context.ContextLoaderListener.contextInitial
ized(ContextLoaderListener.java:103) [spring-web-5.3.27.jar:5.3.27]
    at
org.apache.catalina.core.StandardContext.listenerStart(StandardConte
xt.java:4767) [catalina.jar:9.0.67]
    at
org.apache.catalina.core.StandardContext.startInternal(StandardConte
xt.java:5231) [catalina.jar:9.0.67]
    at
org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:183)
[catalina.jar:9.0.67]
    at
org.apache.catalina.core.ContainerBase.addChildInternal(ContainerBas
e.java:726) [catalina.jar:9.0.67]
    at
org.apache.catalina.core.ContainerBase.addChild(ContainerBase.java:6
98) [catalina.jar:9.0.67]
    at
org.apache.catalina.core.StandardHost.addChild(StandardHost.java:696
) [catalina.jar:9.0.67]
    at
org.apache.catalina.startup.HostConfig.deployWAR(HostConfig.java:102
4) [catalina.jar:9.0.67]
    at
org.apache.catalina.startup.HostConfig$DeployWar.run(HostConfig.java
:1911) [catalina.jar:9.0.67]
    at
java.util.concurrent.Executors$RunnableAdapter.call(Executors.java:5
15) [?:?]
        at java.util.concurrent.FutureTask.run(FutureTask.java:264)
```

```
[?:?]
    at
org.apache.tomcat.util.threads.InlineExecutorService.execute(InlineE
xecutorService.java:75) [tomcat-util.jar:9.0.67]
    at
java.util.concurrent.AbstractExecutorService.submit(AbstractExecutor
Service.java:118) [?:?]
    at
org.apache.catalina.startup.HostConfig.deployWARs(HostConfig.java:82
5) [catalina.jar:9.0.67]
    at
org.apache.catalina.startup.HostConfig.deployApps(HostConfig.java:47
5) [catalina.jar:9.0.67]
    at
org.apache.catalina.startup.HostConfig.start(HostConfig.java:1618)
[catalina.jar:9.0.67]
    at
org.apache.catalina.startup.HostConfig.lifecycleEvent(HostConfig.jav
a:319) [catalina.jar:9.0.67]
    at
org.apache.catalina.util.LifecycleBase.fireLifecycleEvent(LifecycleB
ase.java:123) [catalina.jar:9.0.67]
    at
org.apache.catalina.util.LifecycleBase.setStateInternal(LifecycleBas
e.java:423) [catalina.jar:9.0.67]
    at
org.apache.catalina.util.LifecycleBase.setState(LifecycleBase.java:3
66) [catalina.jar:9.0.67]
    at
org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.j
ava:946) [catalina.jar:9.0.67]
    at
org.apache.catalina.core.StandardHost.startInternal(StandardHost.jav
a:835) [catalina.jar:9.0.67]
    at
org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:183)
[catalina.jar:9.0.67]
    at
org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase
.java:1396) [catalina.jar:9.0.67]
    at
org.apache.catalina.core.ContainerBase$StartChild.call(ContainerBase
.java:1386) [catalina.jar:9.0.67]
    at java.util.concurrent.FutureTask.run(FutureTask.java:264)
[?:?]
    at
org.apache.tomcat.util.threads.InlineExecutorService.execute(InlineE
xecutorService.java:75) [tomcat-util.jar:9.0.67]
    at
java.util.concurrent.AbstractExecutorService.submit(AbstractExecutor
Service.java:140) [?:?]
    at
org.apache.catalina.core.ContainerBase.startInternal(ContainerBase.j
ava:919) [catalina.jar:9.0.67]
```

```
    at
org.apache.catalina.core.StandardEngine.startInternal(StandardEngine
.java:265) [catalina.jar:9.0.67]
    at
org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:183)
[catalina.jar:9.0.67]
    at
org.apache.catalina.core.StandardService.startInternal(StandardServi
ce.java:432) [catalina.jar:9.0.67]
    at
org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:183)
[catalina.jar:9.0.67]
    at
org.apache.catalina.core.StandardServer.startInternal(StandardServer
.java:930) [catalina.jar:9.0.67]
    at
org.apache.catalina.util.LifecycleBase.start(LifecycleBase.java:183)
[catalina.jar:9.0.67]
    at
org.apache.catalina.startup.Catalina.start(Catalina.java:772)
[catalina.jar:9.0.67]
    at
jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
~[?:?]
    at
jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAcc
essorImpl.java:62) ~[?:?]
    at
jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingM
ethodAccessorImpl.java:43) ~[?:?]
    at java.lang.reflect.Method.invoke(Method.java:566) ~[?:?]
    at
org.apache.catalina.startup.Bootstrap.start(Bootstrap.java:345)
[bootstrap.jar:9.0.67]
    at
org.apache.catalina.startup.Bootstrap.main(Bootstrap.java:476)
[bootstrap.jar:9.0.67]
Caused by:
org.springframework.beans.factory.UnsatisfiedDependencyException:
Error creating bean with name
'org.hisp.dhis.user.UserSettingService' defined in URL [jar:file:/
usr/local/tomcat9.39/webapps/ROOT/WEB-INF/lib/dhis-service-
core-2.39.2.1.jar!/org/hisp/dhis/user/
DefaultUserSettingService.class]: Unsatisfied dependency expressed
through constructor parameter 2; nested exception is
org.springframework.beans.factory.UnsatisfiedDependencyException:
Error creating bean with name 'org.hisp.dhis.user.UserSettingStore'
defined in URL [jar:file:/usr/local/tomcat9.39/webapps/ROOT/WEB-INF/
lib/dhis-service-core-2.39.2.1.jar!/org/hisp/dhis/user/hibernate/
HibernateUserSettingStore.class]: Unsatisfied dependency expressed
through constructor parameter 0; nested exception is
org.springframework.beans.factory.BeanCreationException: Error
creating bean with name 'flyway' defined in class path resource
[org/hisp/dhis/db/migration/config/FlywayConfig.class]: Invocation
```

of init method failed; nested exception is  
org.flywaydb.core.internal.command.DbMigrate\$FlywayMigrateException:  
Migration V2\_38\_12\_\_Migrate\_Data\_Into\_Event\_Visualization\_Tables.sql  
failed

-----  
-----  
SQL State : 23503  
Error Code : 0  
Message : ERROR: insert or update on table "eventvisualization"  
violates foreign key constraint  
"fk\_evisualization\_relativeperiodsid"  
Detail: Key (relativeperiodsid)=(366427) is not present in table  
"relativeperiods".  
Location : org/hisp/dhis/db/migration/2.38/  
V2\_38\_12\_\_Migrate\_Data\_Into\_Event\_Visualization\_Tables.sql (/Users/  
aut/file:/usr/local/tomcat9.39/webapps/ROOT/WEB-INF/lib/dhis-  
support-db-migration-2.39.2.1.jar!/org/hisp/dhis/db/migration/2.38/  
V2\_38\_12\_\_Migrate\_Data\_Into\_Event\_Visualization\_Tables.sql)  
Line : 7  
Statement : -- This script relates to the issue https://  
jira.dhis2.org/browse/TECH-703  
-- It migrates all necessary data from Event Chart and Event Report  
tables  
-- into the new structure of Event Visualization tables.

-- Migrate eventchart table into eventvisualization table.

```
INSERT INTO eventvisualization
(
  -- merged
  eventvisualizationid,

  -- common
  uid,
  code,
  created,
  lastupdated,
  name,
  relativeperiodsid,
  userorganisationunit,
  userorganisationunitchildren,
  userorganisationunitgrandchildren,
  externalaccess,
  userid,
  publicaccess,
  programid,
  programstageid,
  startdate,
  enddate,
  sortorder,
  toplimit,
  outputtype,
  dataelementvaluedimensionid,
  attributevaluedimensionid,
```

```

aggregationtype,
collapsedatadimensions,
hidenadata,
completedonly,
description,
title,
lastupdatedby,
subtitle,
hidetitle,
hidesubtitle,
programstatus,
eventstatus,
favorites,
subscribers,
timefield,
translations,
orgunitfield,
userorgunittype,
sharing,
attributevalues,
datatype,

-- merged
type,

-- eventchart specifics
showdata,
rangeaxismaxvalue,
rangeaxisminvalue,
rangeaxissteps,
rangeaxisdecimals,
domainaxislabel,
rangeaxislabel,
hidelegend,
targetlinevalue,
targetlinelabel,
baselinevalue,
baselinelabel,
regressiontype,
hideemptyrowitems,
percentstackedvalues,
cumulativevalues,
nospacebetweencolumns)
SELECT eventchartid,

-- common
uid,
code,
created,
lastupdated,
name,
relativeperiodsid,
userorganisationunit,
userorganisationunitchildren,

```

```
userorganisationunitgrandchildren,  
externalaccess,  
userid,  
publicaccess,  
programid,  
programstageid,  
startdate,  
enddate,  
sortorder,  
NULL,  
outputtype,  
dataelementvaluedimensionid,  
attributevaluedimensionid,  
aggregationtype,  
collapsedatadimensions,  
hidenadata,  
completedonly,  
description,  
title,  
lastupdatedby,  
subtitle,  
hidetitle,  
hidesubtitle,  
programstatus,  
eventstatus,  
favorites,  
subscribers,  
timefield,  
translations,  
orgunitfield,  
userorgunittype,  
sharing,  
attributevalues,  
NULL,  
  
-- merged  
type,  
  
-- eventchart specifics  
showdata,  
rangeaxismaxvalue,  
rangeaxisminvalue,  
rangeaxissteps,  
rangeaxisdecimals,  
domainaxislabel,  
rangeaxislabel,  
hidelegend,  
targetlinevalue,  
targetlinelabel,  
baselinevalue,  
baselinelabel,  
regressiontype,  
hideemptyrowitems,  
percentstackedvalues,
```

cumulativevalues,  
nospacebetweencolumns  
FROM eventchart

at  
org.springframework.beans.factory.support.ConstructorResolver.create  
ArgumentArray(ConstructorResolver.java:800) ~[spring-  
beans-5.3.27.jar:5.3.27]  
at  
org.springframework.beans.factory.support.ConstructorResolver.autowi  
reConstructor(ConstructorResolver.java:229) ~[spring-  
beans-5.3.27.jar:5.3.27]  
at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.autowireConstructor(AbstractAutowireCapableBeanFactory.java  
:1372) ~[spring-beans-5.3.27.jar:5.3.27]  
at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.createBeanInstance(AbstractAutowireCapableBeanFactory.java:  
1222) ~[spring-beans-5.3.27.jar:5.3.27]  
at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:582)  
~[spring-beans-5.3.27.jar:5.3.27]  
at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.createBean(AbstractAutowireCapableBeanFactory.java:542)  
~[spring-beans-5.3.27.jar:5.3.27]  
at  
org.springframework.beans.factory.support.AbstractBeanFactory.lambda  
\$doGetBean\$0(AbstractBeanFactory.java:335) ~[spring-  
beans-5.3.27.jar:5.3.27]  
at  
org.springframework.beans.factory.support.DefaultSingletonBeanRegist  
ry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-  
beans-5.3.27.jar:5.3.27]  
at  
org.springframework.beans.factory.support.AbstractBeanFactory.doGetB  
ean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]  
at  
org.springframework.beans.factory.support.AbstractBeanFactory.getBea  
n(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]  
at  
org.springframework.beans.factory.config.DependencyDescriptor.resolve  
Candidate(DependencyDescriptor.java:276) ~[spring-  
beans-5.3.27.jar:5.3.27]  
at  
org.springframework.beans.factory.support.DefaultListableBeanFactory  
.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-  
beans-5.3.27.jar:5.3.27]  
at  
org.springframework.beans.factory.support.DefaultListableBeanFactory  
.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-  
beans-5.3.27.jar:5.3.27]

```
at
org.springframework.beans.factory.annotation.AutowiredAnnotationBean
PostProcessor$AutowiredFieldElement.resolveFieldValue(AutowiredAnnot
ationBeanPostProcessor.java:657) ~[spring-beans-5.3.27.jar:5.3.27]
... 57 more
```

Caused by:

```
org.springframework.beans.factory.UnsatisfiedDependencyException:
Error creating bean with name 'org.hisp.dhis.user.UserSettingStore'
defined in URL [jar:file:/usr/local/tomcat9.39/webapps/ROOT/WEB-INF/
lib/dhis-service-core-2.39.2.1.jar!/org/hisp/dhis/user/hibernate/
HibernateUserSettingStore.class]: Unsatisfied dependency expressed
through constructor parameter 0; nested exception is
org.springframework.beans.factory.BeanCreationException: Error
creating bean with name 'flyway' defined in class path resource
[org/hisp/dhis/db/migration/config/FlywayConfig.class]: Invocation
of init method failed; nested exception is
org.flywaydb.core.internal.command.DbMigrate$FlywayMigrateException:
Migration V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql
failed
```

---

```
-----
SQL State : 23503
Error Code : 0
Message : ERROR: insert or update on table "eventvisualization"
violates foreign key constraint
"fk_evisualization_relativeperiodsid"
Detail: Key (relativeperiodsid)=(366427) is not present in table
"relativeperiods".
Location : org/hisp/dhis/db/migration/2.38/
V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql (/Users/
aut/file:/usr/local/tomcat9.39/webapps/ROOT/WEB-INF/lib/dhis-
support-db-migration-2.39.2.1.jar!/org/hisp/dhis/db/migration/2.38/
V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql)
Line : 7
Statement : -- This script relates to the issue https://
jira.dhis2.org/browse/TECH-703
-- It migrates all necessary data from Event Chart and Event Report
tables
-- into the new structure of Event Visualization tables.
```

```
-- Migrate eventchart table into eventvisualization table.
```

```
INSERT INTO eventvisualization
```

```
(
  -- merged
  eventvisualizationid,

  -- common
  uid,
  code,
  created,
  lastupdated,
  name,
  relativeperiodsid,
```

userorganisationunit,  
userorganisationunitchildren,  
userorganisationunitgrandchildren,  
externalaccess,  
userid,  
publicaccess,  
programid,  
programstageid,  
startdate,  
enddate,  
sortorder,  
toplimit,  
outputtype,  
dataelementvaluedimensionid,  
attributevaluedimensionid,  
aggregationtype,  
collapsedatadimensions,  
hidenadata,  
completedonly,  
description,  
title,  
lastupdatedby,  
subtitle,  
hidetitle,  
hidesubtitle,  
programstatus,  
eventstatus,  
favorites,  
subscribers,  
timefield,  
translations,  
orgunitfield,  
userorgunittype,  
sharing,  
attributevalues,  
datatype,

-- merged  
type,

-- eventchart specifics

showdata,  
rangeaxismaxvalue,  
rangeaxisminvalue,  
rangeaxissteps,  
rangeaxisdecimals,  
domainaxislabel,  
rangeaxislabel,  
hidelegend,  
targetlinevalue,  
targetlinelabel,  
baselinevalue,  
baselinelabel,  
regressiontype,

```

hideemptyrowitems,
percentstackedvalues,
cumulativevalues,
nospacebetweencolumns)
SELECT eventchartid,

    -- common
    uid,
    code,
    created,
    lastupdated,
    name,
    relativeperiodsid,
    userorganisationunit,
    userorganisationunitchildren,
    userorganisationunitgrandchildren,
    externalaccess,
    userid,
    publicaccess,
    programid,
    programstageid,
    startdate,
    enddate,
    sortorder,
    NULL,
    outputtype,
    dataelementvaluedimensionid,
    attributevaluedimensionid,
    aggregationtype,
    collapsedatadimensions,
    hidenadata,
    completedonly,
    description,
    title,
    lastupdatedby,
    subtitle,
    hidetitle,
    hidesubtitle,
    programstatus,
    eventstatus,
    favorites,
    subscribers,
    timefield,
    translations,
    orgunitfield,
    userorgunittype,
    sharing,
    attributevalues,
    NULL,

    -- merged
    type,

    -- eventchart specifics

```

```
    showdata,  
    rangeaxismaxvalue,  
    rangeaxisminvalue,  
    rangeaxissteps,  
    rangeaxisdecimals,  
    domainaxislabel,  
    rangeaxislabel,  
    hidelegend,  
    targetlinevalue,  
    targetlinelabel,  
    baselinevalue,  
    baselinelabel,  
    regressiontype,  
    hideemptyrowitems,  
    percentstackedvalues,  
    cumulativevalues,  
    nospacebetweencolumns  
FROM eventchart
```

```
    at  
org.springframework.beans.factory.support.ConstructorResolver.create  
ArgumentArray(ConstructorResolver.java:800) ~[spring-  
beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.ConstructorResolver.autowi  
reConstructor(ConstructorResolver.java:229) ~[spring-  
beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.autowireConstructor(AbstractAutowireCapableBeanFactory.java  
:1372) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.createBeanInstance(AbstractAutowireCapableBeanFactory.java:  
1222) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:582)  
~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.createBean(AbstractAutowireCapableBeanFactory.java:542)  
~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractBeanFactory.lambda  
$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-  
beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.DefaultSingletonBeanRegist  
ry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-  
beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractBeanFactory.doGetB  
ean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
```

```
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(
AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(
DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(
DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(
DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.resolveAutowiredArgument(
ConstructorResolver.java:887) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.createArgumentArray(
ConstructorResolver.java:791) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.autowireConstructor(
ConstructorResolver.java:229) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.autowireConstructor(
AbstractAutowireCapableBeanFactory.java:1372) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBeanInstance(
AbstractAutowireCapableBeanFactory.java:1222) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(
AbstractAutowireCapableBeanFactory.java:582) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(
AbstractAutowireCapableBeanFactory.java:542) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(
AbstractBeanFactory.java:335) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(
DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(
AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
```

```
at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(
AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(
DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(
DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(
DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
at
org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor$
AutowiredFieldElement.resolveFieldValue(AutowiredAnnotationBeanPostProcessor.java:657)
~[spring-beans-5.3.27.jar:5.3.27]
... 57 more
```

```
Caused by: org.springframework.beans.factory.BeanCreationException: Error creating bean with name 'flyway' defined in class path resource [org/hisp/dhis/db/migration/config/FlywayConfig.class]: Invocation of init method failed; nested exception is org.flywaydb.core.internal.command.DbMigrate$FlywayMigrateException: Migration V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql failed
```

```
-----
SQL State : 23503
Error Code : 0
Message : ERROR: insert or update on table "eventvisualization" violates foreign key constraint "fk_evisualization_relativeperiodsid"
Detail: Key (relativeperiodsid)=(366427) is not present in table "relativeperiods".
Location : org/hisp/dhis/db/migration/2.38/V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql (/Users/aut/file:/usr/local/tomcat9.39/webapps/ROOT/WEB-INF/lib/dhis-support-db-migration-2.39.2.1.jar!/org/hisp/dhis/db/migration/2.38/V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql)
Line : 7
Statement : -- This script relates to the issue https://jira.dhis2.org/browse/TECH-703
-- It migrates all necessary data from Event Chart and Event Report tables
-- into the new structure of Event Visualization tables.

-- Migrate eventchart table into eventvisualization table.
INSERT INTO eventvisualization
(
  -- merged
  eventvisualizationid,
```

```
-- common
uid,
code,
created,
lastupdated,
name,
relativeperiodsid,
userorganisationunit,
userorganisationunitchildren,
userorganisationunitgrandchildren,
externalaccess,
userid,
publicaccess,
programid,
programstageid,
startdate,
enddate,
sortorder,
toplimit,
outputtype,
dataelementvaluedimensionid,
attributevaluedimensionid,
aggregationtype,
collapsedatadimensions,
hidenadata,
completedonly,
description,
title,
lastupdatedby,
subtitle,
hidetitle,
hidesubtitle,
programstatus,
eventstatus,
favorites,
subscribers,
timefield,
translations,
orgunitfield,
userorgunittype,
sharing,
attributevalues,
datatype,
```

```
-- merged
type,
```

```
-- eventchart specifics
showdata,
rangeaxismaxvalue,
rangeaxisminvalue,
rangeaxissteps,
rangeaxisdecimals,
```

```
domainaxislabel,  
rangeaxislabel,  
hidelegend,  
targetlinevalue,  
targetlinelabel,  
baselinevalue,  
baselinelabel,  
regressiontype,  
hideemptyrowitems,  
percentstackedvalues,  
cumulativevalues,  
nospacebetweencolumns)  
SELECT eventchartid,  
  
    -- common  
    uid,  
    code,  
    created,  
    lastupdated,  
    name,  
    relativeperiodsid,  
    userorganisationunit,  
    userorganisationunitchildren,  
    userorganisationunitgrandchildren,  
    externalaccess,  
    userid,  
    publicaccess,  
    programid,  
    programstageid,  
    startdate,  
    enddate,  
    sortorder,  
    NULL,  
    outputtype,  
    dataelementvaluedimensionid,  
    attributevaluedimensionid,  
    aggregationtype,  
    collapsedatadimensions,  
    hidenadata,  
    completedonly,  
    description,  
    title,  
    lastupdatedby,  
    subtitle,  
    hidetitle,  
    hidesubtitle,  
    programstatus,  
    eventstatus,  
    favorites,  
    subscribers,  
    timefield,  
    translations,  
    orgunitfield,  
    userorgunittype,
```

```
    sharing,  
    attributevalues,  
    NULL,  
  
    -- merged  
    type,  
  
    -- eventchart specifics  
    showdata,  
    rangeaxismaxvalue,  
    rangeaxisminvalue,  
    rangeaxissteps,  
    rangeaxisdecimals,  
    domainaxislabel,  
    rangeaxislabel,  
    hidelegend,  
    targetlinevalue,  
    targetlinelabel,  
    baselinevalue,  
    baselinelabel,  
    regressiontype,  
    hideemptyrowitems,  
    percentstackedvalues,  
    cumulativevalues,  
    nospacebetweencolumns  
FROM eventchart  
  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1804) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:620) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]  
    at
```

```
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:322) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.resolveAutowiredArgument(ConstructorResolver.java:887) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.createArgumentArray(ConstructorResolver.java:791) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.autowireConstructor(ConstructorResolver.java:229) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.autowireConstructor(AbstractAutowireCapableBeanFactory.java:1372) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBeanInstance(AbstractAutowireCapableBeanFactory.java:1222) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:582) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.27.jar:5.3.27]
    at
```

```
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.resolveAutowiredArgument(ConstructorResolver.java:887) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.createArgumentArray(ConstructorResolver.java:791) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.autowireConstructor(ConstructorResolver.java:229) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.autowireConstructor(AbstractAutowireCapableBeanFactory.java:1372) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBeanInstance(AbstractAutowireCapableBeanFactory.java:1222) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:582) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.27.jar:5.3.27]
    at
```

```
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor$AutowiredFieldElement.resolveFieldValue(AutowiredAnnotationBeanPostProcessor.java:657) ~[spring-beans-5.3.27.jar:5.3.27]
    ... 57 more
```

Caused by:

```
org.flywaydb.core.internal.command.DbMigrate$FlywayMigrateException: Migration V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql failed
```

```
-----
SQL State : 23503
Error Code : 0
Message : ERROR: insert or update on table "eventvisualization" violates foreign key constraint "fk_evisualization_relativeperiodsid"
Detail: Key (relativeperiodsid)=(366427) is not present in table "relativeperiods".
Location : org/hisp/dhis/db/migration/2.38/V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql (/Users/aut/file:/usr/local/tomcat9.39/webapps/ROOT/WEB-INF/lib/dhis-support-db-migration-2.39.2.1.jar!/org/hisp/dhis/db/migration/2.38/V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql)
Line : 7
Statement : -- This script relates to the issue https://jira.dhis2.org/browse/TECH-703
-- It migrates all necessary data from Event Chart and Event Report tables
-- into the new structure of Event Visualization tables.

-- Migrate eventchart table into eventvisualization table.
INSERT INTO eventvisualization
(
    -- merged
    eventvisualizationid,
```

```
-- common
uid,
code,
created,
lastupdated,
name,
relativeperiodsid,
userorganisationunit,
userorganisationunitchildren,
userorganisationunitgrandchildren,
externalaccess,
userid,
publicaccess,
programid,
programstageid,
startdate,
enddate,
sortorder,
toplimit,
outputtype,
dataelementvaluedimensionid,
attributevaluedimensionid,
aggregationtype,
collapsedatadimensions,
hidenadata,
completedonly,
description,
title,
lastupdatedby,
subtitle,
hidetitle,
hidesubtitle,
programstatus,
eventstatus,
favorites,
subscribers,
timefield,
translations,
orgunitfield,
userorgunittype,
sharing,
attributevalues,
datatype,
```

```
-- merged
type,
```

```
-- eventchart specifics
showdata,
rangeaxismaxvalue,
rangeaxisminvalue,
rangeaxissteps,
rangeaxisdecimals,
domainaxislabel,
```

```
rangeaxislabel,  
hidelegend,  
targetlinevalue,  
targetlinelabel,  
baselinevalue,  
baselinelabel,  
regressiontype,  
hideemptyrowitems,  
percentstackedvalues,  
cumulativevalues,  
nospacebetweencolumns)  
SELECT eventchartid,  
  
    -- common  
    uid,  
    code,  
    created,  
    lastupdated,  
    name,  
    relativeperiodsid,  
    userorganisationunit,  
    userorganisationunitchildren,  
    userorganisationunitgrandchildren,  
    externalaccess,  
    userid,  
    publicaccess,  
    programid,  
    programstageid,  
    startdate,  
    enddate,  
    sortorder,  
    NULL,  
    outputtype,  
    dataelementvaluedimensionid,  
    attributevaluedimensionid,  
    aggregationtype,  
    collapsedatadimensions,  
    hidenadata,  
    completedonly,  
    description,  
    title,  
    lastupdatedby,  
    subtitle,  
    hidetitle,  
    hidesubtitle,  
    programstatus,  
    eventstatus,  
    favorites,  
    subscribers,  
    timefield,  
    translations,  
    orgunitfield,  
    userorgunittype,  
    sharing,
```

```

        attributevalues,
        NULL,

        -- merged
        type,

        -- eventchart specifics
        showdata,
        rangeaxismaxvalue,
        rangeaxisminvalue,
        rangeaxissteps,
        rangeaxisdecimals,
        domainaxislabel,
        rangeaxislabel,
        hidelegend,
        targetlinevalue,
        targetlinelabel,
        baselinevalue,
        baselinelabel,
        regressiontype,
        hideemptyrowitems,
        percentstackedvalues,
        cumulativevalues,
        nospacebetweencolumns
FROM eventchart

        at
org.flywaydb.core.internal.command.DbMigrate.doMigrateGroup(DbMigrate.java:384) ~[flyway-core-9.17.0.jar:?]
        at
org.flywaydb.core.internal.command.DbMigrate.lambda$applyMigrations$1(DbMigrate.java:274) ~[flyway-core-9.17.0.jar:?]
        at
org.flywaydb.core.internal.jdbc.TransactionalExecutionTemplate.execute(TransactionalExecutionTemplate.java:55) ~[flyway-core-9.17.0.jar:?]
        at
org.flywaydb.core.internal.command.DbMigrate.applyMigrations(DbMigrate.java:273) ~[flyway-core-9.17.0.jar:?]
        at
org.flywaydb.core.internal.command.DbMigrate.migrateGroup(DbMigrate.java:246) ~[flyway-core-9.17.0.jar:?]
        at
org.flywaydb.core.internal.command.DbMigrate.migrateAll(DbMigrate.java:139) ~[flyway-core-9.17.0.jar:?]
        at
org.flywaydb.core.internal.database.postgresql.PostgreSQLAdvisoryLockTemplate.execute(PostgreSQLAdvisoryLockTemplate.java:73) ~[flyway-core-9.17.0.jar:?]
        at
org.flywaydb.core.internal.database.postgresql.PostgreSQLAdvisoryLockTemplate.lambda$execute$0(PostgreSQLAdvisoryLockTemplate.java:56) ~[flyway-core-9.17.0.jar:?]
        at

```

```
org.flywaydb.core.internal.jdbc.TransactionalExecutionTemplate.execute(TransactionalExecutionTemplate.java:55) ~[flyway-core-9.17.0.jar:?]
    at
org.flywaydb.core.internal.database.postgresql.PostgreSQLAdvisoryLockTemplate.execute(PostgreSQLAdvisoryLockTemplate.java:56) ~[flyway-core-9.17.0.jar:?]
    at
org.flywaydb.core.internal.database.postgresql.PostgreSQLConnection.lock(PostgreSQLConnection.java:96) ~[flyway-core-9.17.0.jar:?]
    at
org.flywaydb.core.internal.schemahistory.JdbcTableSchemaHistory.lock(JdbcTableSchemaHistory.java:144) ~[flyway-core-9.17.0.jar:?]
    at
org.flywaydb.core.internal.command.DbMigrate.migrate(DbMigrate.java:96) ~[flyway-core-9.17.0.jar:?]
    at
org.flywaydb.core.Flyway.lambda$migrate$0(Flyway.java:188) ~[flyway-core-9.17.0.jar:?]
    at
org.flywaydb.core.FlywayExecutor.execute(FlywayExecutor.java:196) ~[flyway-core-9.17.0.jar:?]
    at org.flywaydb.core.Flyway.migrate(Flyway.java:140) ~[flyway-core-9.17.0.jar:?]
    at
org.hisp.dhis.db.migration.config.DhisFlyway.migrate(DhisFlyway.java:61) ~[dhis-support-db-migration-2.39.2.1.jar:?]
    at
jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method) ~[?:?]
    at
jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62) ~[?:?]
    at
jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43) ~[?:?]
    at java.lang.reflect.Method.invoke(Method.java:566) ~[?:?]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.invokeCustomInitMethod(AbstractAutowireCapableBeanFactory.java:1930) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.invokeInitMethods(AbstractAutowireCapableBeanFactory.java:1872) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1800) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:620) ~[spring-beans-5.3.27.jar:5.3.27]
    at
```

```
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:322) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.resolveAutowiredArgument(ConstructorResolver.java:887) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.createArgumentArray(ConstructorResolver.java:791) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.autowireConstructor(ConstructorResolver.java:229) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.autowireConstructor(AbstractAutowireCapableBeanFactory.java:1372) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBeanInstance(AbstractAutowireCapableBeanFactory.java:
```

```
1222) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:582)
~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542)
~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.resolveAutowiredArgument(ConstructorResolver.java:887) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.createArgumentArray(ConstructorResolver.java:791) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.autowireConstructor(ConstructorResolver.java:229) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.autowireConstructor(AbstractAutowireCapableBeanFactory.java:1372) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBeanInstance(AbstractAutowireCapableBeanFactory.java:
```

```
1222) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:582)
~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542)
~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor$AutowiredFieldElement.resolveFieldValue(AutowiredAnnotationBeanPostProcessor.java:657) ~[spring-beans-5.3.27.jar:5.3.27]
    ... 57 more
```

Caused by:

```
org.flywaydb.core.internal.sqlscript.FlywaySqlScriptException:
Migration V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql
failed
```

```
-----
SQL State : 23503
Error Code : 0
Message : ERROR: insert or update on table "eventvisualization"
violates foreign key constraint
"fk_evisualization_relativeperiodsid"
Detail: Key (relativeperiodsid)=(366427) is not present in table
"relativeperiods".
Location : org/hisp/dhis/db/migration/2.38/
```

```
V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql (/Users/aut/file:/usr/local/tomcat9.39/webapps/ROOT/WEB-INF/lib/dhis-support-db-migration-2.39.2.1.jar!/org/hisp/dhis/db/migration/2.38/V2_38_12__Migrate_Data_Into_Event_Visualization_Tables.sql)
```

```
Line      : 7
```

```
Statement : -- This script relates to the issue https://jira.dhis2.org/browse/TECH-703
```

```
-- It migrates all necessary data from Event Chart and Event Report tables
```

```
-- into the new structure of Event Visualization tables.
```

```
-- Migrate eventchart table into eventvisualization table.
```

```
INSERT INTO eventvisualization
```

```
(
```

```
  -- merged
```

```
  eventvisualizationid,
```

```
  -- common
```

```
  uid,
```

```
  code,
```

```
  created,
```

```
  lastupdated,
```

```
  name,
```

```
  relativeperiodsid,
```

```
  userorganisationunit,
```

```
  userorganisationunitchildren,
```

```
  userorganisationunitgrandchildren,
```

```
  externalaccess,
```

```
  userid,
```

```
  publicaccess,
```

```
  programid,
```

```
  programstageid,
```

```
  startdate,
```

```
  enddate,
```

```
  sortorder,
```

```
  toplimit,
```

```
  outputtype,
```

```
  dataelementvaluedimensionid,
```

```
  attributevaluedimensionid,
```

```
  aggregationtype,
```

```
  collapsedatadimensions,
```

```
  hidenadata,
```

```
  completedonly,
```

```
  description,
```

```
  title,
```

```
  lastupdatedby,
```

```
  subtitle,
```

```
  hidetitle,
```

```
  hidesubtitle,
```

```
  programstatus,
```

```
  eventstatus,
```

```
  favorites,
```

```
  subscribers,
```

```

timefield,
translations,
orgunitfield,
userorgunittype,
sharing,
attributevalues,
datatype,

-- merged
type,

-- eventchart specifics
showdata,
rangeaxismaxvalue,
rangeaxisminvalue,
rangeaxissteps,
rangeaxisdecimals,
domainaxislabel,
rangeaxislabel,
hidelegend,
targetlinevalue,
targetlinelabel,
baselinevalue,
baselinelabel,
regressiontype,
hideemptyrowitems,
percentstackedvalues,
cumulativevalues,
nospacebetweencolumns)
SELECT eventchartid,

-- common
uid,
code,
created,
lastupdated,
name,
relativeperiodsid,
userorganisationunit,
userorganisationunitchildren,
userorganisationunitgrandchildren,
externalaccess,
userid,
publicaccess,
programid,
programstageid,
startdate,
enddate,
sortorder,
NULL,
outputtype,
dataelementvaluedimensionid,
attributevaluedimensionid,
aggregationtype,

```

```
    collapsedatadimensions,  
    hidenadata,  
    completedonly,  
    description,  
    title,  
    lastupdatedby,  
    subtitle,  
    hidetitle,  
    hidesubtitle,  
    programstatus,  
    eventstatus,  
    favorites,  
    subscribers,  
    timefield,  
    translations,  
    orgunitfield,  
    userorgunittype,  
    sharing,  
    attributevalues,  
    NULL,  
  
    -- merged  
    type,  
  
    -- eventchart specifics  
    showdata,  
    rangeaxismaxvalue,  
    rangeaxisminvalue,  
    rangeaxissteps,  
    rangeaxisdecimals,  
    domainaxislabel,  
    rangeaxislabel,  
    hidelegend,  
    targetlinevalue,  
    targetlinelabel,  
    baselinevalue,  
    baselinelabel,  
    regressiontype,  
    hideemptyrowitems,  
    percentstackedvalues,  
    cumulativevalues,  
    nospacebetweencolumns  
FROM eventchart  
  
    at  
org.flywaydb.core.internal.sqlscript.DefaultSqlScriptExecutor.handle  
Exception(DefaultSqlScriptExecutor.java:275) ~[flyway-  
core-9.17.0.jar:~]  
    at  
org.flywaydb.core.internal.sqlscript.DefaultSqlScriptExecutor.execut  
eStatement(DefaultSqlScriptExecutor.java:222) ~[flyway-  
core-9.17.0.jar:~]  
    at  
org.flywaydb.core.internal.sqlscript.DefaultSqlScriptExecutor.execut
```

```
e(DefaultSqlScriptExecutor.java:126) ~[flyway-core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.resolver.sql.SqlMigrationExecutor.execute
Once(SqlMigrationExecutor.java:68) ~[flyway-core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.resolver.sql.SqlMigrationExecutor.lambda$
execute$0(SqlMigrationExecutor.java:57) ~[flyway-core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.database.DefaultExecutionStrategy.execute
(DefaultExecutionStrategy.java:27) ~[flyway-core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.resolver.sql.SqlMigrationExecutor.execute
(SqlMigrationExecutor.java:56) ~[flyway-core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.command.DbMigrate.doMigrateGroup(DbMigrat
e.java:376) ~[flyway-core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.command.DbMigrate.lambda$applyMigrations$
1(DbMigrate.java:274) ~[flyway-core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.jdbc.TransactionalExecutionTemplate.execu
te(TransactionalExecutionTemplate.java:55) ~[flyway-
core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.command.DbMigrate.applyMigrations(DbMigra
te.java:273) ~[flyway-core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.command.DbMigrate.migrateGroup(DbMigrate.
java:246) ~[flyway-core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.command.DbMigrate.migrateAll(DbMigrate.ja
va:139) ~[flyway-core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.database.postgresql.PostgreSQLAdvisoryLoc
kTemplate.execute(PostgreSQLAdvisoryLockTemplate.java:73) ~[flyway-
core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.database.postgresql.PostgreSQLAdvisoryLoc
kTemplate.lambda$execute$0(PostgreSQLAdvisoryLockTemplate.java:56)
~[flyway-core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.jdbc.TransactionalExecutionTemplate.execu
te(TransactionalExecutionTemplate.java:55) ~[flyway-
core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.database.postgresql.PostgreSQLAdvisoryLoc
kTemplate.execute(PostgreSQLAdvisoryLockTemplate.java:56) ~[flyway-
core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.database.postgresql.PostgreSQLConnection.
lock(PostgreSQLConnection.java:96) ~[flyway-core-9.17.0.jar:?]
  at
org.flywaydb.core.internal.schemahistory.JdbcTableSchemaHistory.lock
(JdbcTableSchemaHistory.java:144) ~[flyway-core-9.17.0.jar:?]
```

```
    at
org.flywaydb.core.internal.command.DbMigrate.migrate(DbMigrate.java:
96) ~[flyway-core-9.17.0.jar:?]
    at
org.flywaydb.core.Flyway.lambda$migrate$0(Flyway.java:188) ~[flyway-
core-9.17.0.jar:?]
    at
org.flywaydb.core.FlywayExecutor.execute(FlywayExecutor.java:196)
~[flyway-core-9.17.0.jar:?]
    at org.flywaydb.core.Flyway.migrate(Flyway.java:140)
~[flyway-core-9.17.0.jar:?]
    at
org.hisp.dhis.db.migration.config.DhisFlyway.migrate(DhisFlyway.java
:61) ~[dhis-support-db-migration-2.39.2.1.jar:?]
    at
jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
~[?:?]
    at
jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAcc
essorImpl.java:62) ~[?:?]
    at
jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingM
ethodAccessorImpl.java:43) ~[?:?]
    at java.lang.reflect.Method.invoke(Method.java:566) ~[?:?]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBea
nFactory.invokeCustomInitMethod(AbstractAutowireCapableBeanFactory.j
ava:1930) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBea
nFactory.invokeInitMethods(AbstractAutowireCapableBeanFactory.java:1
872) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBea
nFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1800
) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBea
nFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:620)
~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBea
nFactory.createBean(AbstractAutowireCapableBeanFactory.java:542)
~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.lambda
$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-
beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultSingletonBeanRegist
ry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-
beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.doGetB
```

```
ean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(
AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(
AbstractBeanFactory.java:322) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(
AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(
DependencyDescriptor.java:276) ~[spring-
beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory
.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-
beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory
.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-
beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.resolve
AutowiredArgument(ConstructorResolver.java:887) ~[spring-
beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.create
ArgumentArray(ConstructorResolver.java:791) ~[spring-
beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.autowi
reConstructor(ConstructorResolver.java:229) ~[spring-
beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBea
nFactory.autowireConstructor(AbstractAutowireCapableBeanFactory.java
:1372) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBea
nFactory.createBeanInstance(AbstractAutowireCapableBeanFactory.java:
1222) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBea
nFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:582)
~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBea
nFactory.createBean(AbstractAutowireCapableBeanFactory.java:542)
~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.lambda
$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-
beans-5.3.27.jar:5.3.27]
```

```
    at
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.resolveAutowiredArgument(ConstructorResolver.java:887) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.createArgumentArray(ConstructorResolver.java:791) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.autowireConstructor(ConstructorResolver.java:229) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.autowireConstructor(AbstractAutowireCapableBeanFactory.java:1372) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBeanInstance(AbstractAutowireCapableBeanFactory.java:1222) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:582) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.27.jar:5.3.27]
```

```
    at
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor$AutowiredFieldElement.resolveFieldValue(AutowiredAnnotationBeanPostProcessor.java:657) ~[spring-beans-5.3.27.jar:5.3.27]
    ... 57 more
Caused by: org.postgresql.util.PSQLException: ERROR: insert or update on table "eventvisualization" violates foreign key constraint "fk_evisualization_relativeperiodsid"
  Detail: Key (relativeperiodsid)=(366427) is not present in table "relativeperiods".
    at
org.postgresql.core.v3.QueryExecutorImpl.receiveErrorResponse(QueryExecutorImpl.java:2713) ~[postgresql-42.6.0.jar:42.6.0]
    at
org.postgresql.core.v3.QueryExecutorImpl.processResults(QueryExecutorImpl.java:2401) ~[postgresql-42.6.0.jar:42.6.0]
    at
org.postgresql.core.v3.QueryExecutorImpl.execute(QueryExecutorImpl.java:368) ~[postgresql-42.6.0.jar:42.6.0]
    at
org.postgresql.jdbc.PgStatement.executeInternal(PgStatement.java:498) ~[postgresql-42.6.0.jar:42.6.0]
    at
org.postgresql.jdbc.PgStatement.execute(PgStatement.java:415) ~[postgresql-42.6.0.jar:42.6.0]
    at
org.postgresql.jdbc.PgStatement.executeWithFlags(PgStatement.java:335) ~[postgresql-42.6.0.jar:42.6.0]
    at
org.postgresql.jdbc.PgStatement.executeCachedSql(PgStatement.java:321) ~[postgresql-42.6.0.jar:42.6.0]
    at
```

```
org.postgresql.jdbc.PgStatement.executeWithFlags(PgStatement.java:297) ~[postgresql-42.6.0.jar:42.6.0]
    at
org.postgresql.jdbc.PgStatement.execute(PgStatement.java:292)
~[postgresql-42.6.0.jar:42.6.0]
    at
com.mchange.v2.c3p0.impl.NewProxyStatement.execute(NewProxyStatement.java:75) ~[c3p0-0.9.5.5.jar:0.9.5.5]
    at
org.flywaydb.core.internal.jdbc.JdbcTemplate.executeStatement(JdbcTemplate.java:201) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.sqlscript.ParsedSqlStatement.execute(ParsedSqlStatement.java:95) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.sqlscript.DefaultSqlScriptExecutor.executeStatement(DefaultSqlScriptExecutor.java:210) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.sqlscript.DefaultSqlScriptExecutor.execute(DefaultSqlScriptExecutor.java:126) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.resolver.sql.SqlMigrationExecutor.executeOnce(SqlMigrationExecutor.java:68) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.resolver.sql.SqlMigrationExecutor.lambda$execute$0(SqlMigrationExecutor.java:57) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.database.DefaultExecutionStrategy.execute(DefaultExecutionStrategy.java:27) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.resolver.sql.SqlMigrationExecutor.execute(SqlMigrationExecutor.java:56) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.command.DbMigrate.doMigrateGroup(DbMigrate.java:376) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.command.DbMigrate.lambda$applyMigrations$1(DbMigrate.java:274) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.jdbc.TransactionalExecutionTemplate.execute(TransactionalExecutionTemplate.java:55) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.command.DbMigrate.applyMigrations(DbMigrate.java:273) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.command.DbMigrate.migrateGroup(DbMigrate.java:246) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.command.DbMigrate.migrateAll(DbMigrate.java:139) ~[flyway-core-9.17.0.jar:~]
    at
org.flywaydb.core.internal.database.postgresql.PostgreSQLAdvisoryLoc
```

```
kTemplate.execute(PostgreSQLAdvisoryLockTemplate.java:73) ~[flyway-  
core-9.17.0.jar:~]  
    at  
org.flywaydb.core.internal.database.postgresql.PostgreSQLAdvisoryLoc  
kTemplate.lambda$execute$0(PostgreSQLAdvisoryLockTemplate.java:56)  
~[flyway-core-9.17.0.jar:~]  
    at  
org.flywaydb.core.internal.jdbc.TransactionalExecutionTemplate.execu  
te(TransactionalExecutionTemplate.java:55) ~[flyway-  
core-9.17.0.jar:~]  
    at  
org.flywaydb.core.internal.database.postgresql.PostgreSQLAdvisoryLoc  
kTemplate.execute(PostgreSQLAdvisoryLockTemplate.java:56) ~[flyway-  
core-9.17.0.jar:~]  
    at  
org.flywaydb.core.internal.database.postgresql.PostgreSQLConnection.  
lock(PostgreSQLConnection.java:96) ~[flyway-core-9.17.0.jar:~]  
    at  
org.flywaydb.core.internal.schemahistory.JdbcTableSchemaHistory.lock  
(JdbcTableSchemaHistory.java:144) ~[flyway-core-9.17.0.jar:~]  
    at  
org.flywaydb.core.internal.command.DbMigrate.migrate(DbMigrate.java:  
96) ~[flyway-core-9.17.0.jar:~]  
    at  
org.flywaydb.core.Flyway.lambda$migrate$0(Flyway.java:188) ~[flyway-  
core-9.17.0.jar:~]  
    at  
org.flywaydb.core.FlywayExecutor.execute(FlywayExecutor.java:196)  
~[flyway-core-9.17.0.jar:~]  
        at org.flywaydb.core.Flyway.migrate(Flyway.java:140)  
~[flyway-core-9.17.0.jar:~]  
    at  
org.hisp.dhis.db.migration.config.DhisFlyway.migrate(DhisFlyway.java  
:61) ~[dhis-support-db-migration-2.39.2.1.jar:~]  
    at  
jdk.internal.reflect.NativeMethodAccessorImpl.invoke0(Native Method)  
~[?:~]  
    at  
jdk.internal.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAcc  
essorImpl.java:62) ~[?:~]  
    at  
jdk.internal.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingM  
ethodAccessorImpl.java:43) ~[?:~]  
        at java.lang.reflect.Method.invoke(Method.java:566) ~[?:~]  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.invokeCustomInitMethod(AbstractAutowireCapableBeanFactory.j  
ava:1930) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea  
nFactory.invokeInitMethods(AbstractAutowireCapableBeanFactory.java:1  
872) ~[spring-beans-5.3.27.jar:5.3.27]  
    at  
org.springframework.beans.factory.support.AbstractAutowireCapableBea
```

```
nFactory.initializeBean(AbstractAutowireCapableBeanFactory.java:1800) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:620) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:322) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.ConstructorResolver.resolveAutowiredArgument(ConstructorResolver.java:887) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.ConstructorResolver.createArgumentArray(ConstructorResolver.java:791) ~[spring-beans-5.3.27.jar:5.3.27]
    at
    org.springframework.beans.factory.support.ConstructorResolver.autowireConstructor(ConstructorResolver.java:229) ~[spring-beans-5.3.27.jar:5.3.27]
```

```
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.autowireConstructor(AbstractAutowireCapableBeanFactory.java:1372) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBeanInstance(AbstractAutowireCapableBeanFactory.java:1222) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:582) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.resolveAutowiredArgument(ConstructorResolver.java:887) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.createArgumentArray(ConstructorResolver.java:791) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.ConstructorResolver.autowireConstructor(ConstructorResolver.java:229) ~[spring-beans-5.3.27.jar:5.3.27]
```

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    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.autowireConstructor(AbstractAutowireCapableBeanFactory.java:1372) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBeanInstance(AbstractAutowireCapableBeanFactory.java:1222) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.doCreateBean(AbstractAutowireCapableBeanFactory.java:582) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractAutowireCapableBeanFactory.createBean(AbstractAutowireCapableBeanFactory.java:542) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.lambda$doGetBean$0(AbstractBeanFactory.java:335) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultSingletonBeanRegistry.getSingleton(DefaultSingletonBeanRegistry.java:234) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.doGetBean(AbstractBeanFactory.java:333) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.AbstractBeanFactory.getBean(AbstractBeanFactory.java:208) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.config.DependencyDescriptor.resolveCandidate(DependencyDescriptor.java:276) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.doResolveDependency(DefaultListableBeanFactory.java:1391) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.support.DefaultListableBeanFactory.resolveDependency(DefaultListableBeanFactory.java:1311) ~[spring-beans-5.3.27.jar:5.3.27]
    at
org.springframework.beans.factory.annotation.AutowiredAnnotationBeanPostProcessor$AutowiredFieldElement.resolveFieldValue(AutowiredAnnotationBeanPostProcessor.java:657) ~[spring-beans-5.3.27.jar:5.3.27]
    ... 57 more
05-Oct-2023 10:07:32.593 SEVERE [main]
org.apache.catalina.core.StandardContext.startInternal One or more listeners failed to start. Full details will be found in the appropriate container log file
05-Oct-2023 10:07:32.598 SEVERE [main]
org.apache.catalina.core.StandardContext.startInternal Context [] startup failed due to previous errors
```

```
* INFO 2023-10-05T10:07:32,600 De-registering jdbc driver:
org.postgresql.Driver@547a93d6 (StartupListener.java [main])
05-Oct-2023 10:07:32.612 INFO [main]
org.apache.catalina.startup.HostConfig.deployWAR Deployment of web
application archive [/usr/local/tomcat9.39/webapps/ROOT.war] has
finished in [11,562] ms
05-Oct-2023 10:07:32.613 INFO [main]
org.apache.catalina.startup.HostConfig.deployDirectory Deploying web
application directory [/usr/local/tomcat9.39/webapps/docs]
05-Oct-2023 10:07:32.628 INFO [main]
org.apache.catalina.startup.HostConfig.deployDirectory Deployment of
web application directory [/usr/local/tomcat9.39/webapps/docs] has
finished in [15] ms
05-Oct-2023 10:07:32.628 INFO [main]
org.apache.catalina.startup.HostConfig.deployDirectory Deploying web
application directory [/usr/local/tomcat9.39/webapps/manager]
05-Oct-2023 10:07:32.641 INFO [main]
org.apache.catalina.startup.HostConfig.deployDirectory Deployment of
web application directory [/usr/local/tomcat9.39/webapps/manager]
has finished in [13] ms
05-Oct-2023 10:07:32.641 INFO [main]
org.apache.catalina.startup.HostConfig.deployDirectory Deploying web
application directory [/usr/local/tomcat9.39/webapps/examples]
05-Oct-2023 10:07:32.709 INFO [main]
org.apache.catalina.startup.HostConfig.deployDirectory Deployment of
web application directory [/usr/local/tomcat9.39/webapps/examples]
has finished in [68] ms
05-Oct-2023 10:07:32.709 INFO [main]
org.apache.catalina.startup.HostConfig.deployDirectory Deploying web
application directory [/usr/local/tomcat9.39/webapps/host-manager]
05-Oct-2023 10:07:32.716 INFO [main]
org.apache.catalina.startup.HostConfig.deployDirectory Deployment of
web application directory [/usr/local/tomcat9.39/webapps/host-
manager] has finished in [7] ms
05-Oct-2023 10:07:32.717 INFO [main]
org.apache.catalina.startup.HostConfig.deployDirectory Deploying web
application directory [/usr/local/tomcat9.39/webapps/apache]
05-Oct-2023 10:07:32.721 INFO [main]
org.apache.catalina.startup.HostConfig.deployDirectory Deployment of
web application directory [/usr/local/tomcat9.39/webapps/apache] has
finished in [5] ms
05-Oct-2023 10:07:32.723 INFO [main]
org.apache.coyote.AbstractProtocol.start Starting ProtocolHandler
["http-nio-8085"]
05-Oct-2023 10:07:32.732 INFO [main]
org.apache.catalina.startup.Catalina.start Server startup in [11738]
milliseconds
```