DBSeeder - Release Notes

`build` `passing`   `release` `v2.9.1`   `release date` `june`   `github` `repo or version not found`

Version 3.0.0

Release Date: 01.08.2021

System Requirements

- Operating system: any Java-enabled Linux, Mac or Windows variant
- Docker Desktop Community: 3.0.4
- Eclipse IDE: 2021.06 (e.g. from Eclipse Download Page)
- Gradle Build Tool: 7 (e.g. from here)
- Java Development Kit 15, (e.g. from here)
- an environment variable called `HOME_ECLIPSE` that points to the installation directory of Eclipse IDE, e.g.: `C:\Software\eclipse\java-2021-06\eclipse`

New Features

- new control parameter `DB_SEEDER_BATCH_SIZE`: the maximum number of DML operations of type `addBatch` - `0` represents all DML operations
- new control parameter `DB_SEEDER_DROP_CONSTRAINTS`: if the value is `yes`, all constraints of the types FOREIGN KEY, PRIMARY KEY and UNIQUE KEY are removed before the first DML operation and are enabled again after the last DML operation
- TimescaleDB: DBMS 2.3.1-pg13 / JDBC PostgreSQL

Modified Features

- CockroachDB: DBMS v21.1.6
- CrateDB: DBMS 4.6.1
- Exasol: DBMS 7.0.11
- Firebird: DBMS v4.0.0
- IBM Db2 Database: JDBC 11.5.6.0
- MariaDB Server: DBMS 10.6.3
- MonetDB: JDBC 3.1.jre8
- MySQL Database: DBMS 8.0.26 / JDBC 8.0.26
- Percona Server for MySQL: DBMS 8.0.25-15
- PostgreSQL: JDBC 42.2.23
- SQLite: DBMS 3.36.0.1 / JDBC 3.36.0.1
- trino: DBMS 359 / JDBC 359
- YugabyteDB: DBMS 2.7.2.0-b216

Open issues

- CrateDB: (see here)

- H2 Database Engine: (see here)
- HSQLDB: (see here)
- IBM Db2 Database: (see here)
- OmnisciDB: (see here)
- trino: (see here)
- VoltDB: (see here)
- YugabyteDB: (see here)

Windows 10 Performance Snapshot

DBMS	Type	ms	Constraints	Improvement
HSQLDB	embedded	3'015	active - no choice	
H2 Database Engine	embedded	3'536	active - no choice	
PostgreSQL	client	4'048	inactive	2%
TimescaleDB	client	4'085	inactive	3%
MariaDB Server	client	4'119	active	-101%
AgensGraph	client	4'153	inactive	0%
SQLite	embedded	4'469	active - no choice	
Exasol	client	4'707	active	0%
MS SQL Server	client	5'461	inactive	5%
CrateDB	client	5'644	active - no choice	
CockroachDB	client	5'892	active - no choice	
CUBRID	client	6'379	active	-9%
MySQL Database	client	6'776	active	-191%
Percona Server for MySQL	client	6'927	active	-174%
H2 Database Engine	client	7'726	active - no choice	
Mimer SQL	client	9'227	inactive	4%
MonetDB	client	9'541	inactive	26%
YugabyteDB	client	12'892	active - no choice	
Oracle Database	client	13'054	active	-19%
VoltDB	client	14'397	active - no choice	
Apache Derby	embedded	15'585	active - no choice	
Apache Derby	client	17'081	active - no choice	
HSQLDB	client	17'651	active - no choice	
IBM Informix	client	20'188	active	-1%
IBM Db2 Database	client	22'617	active	-11%
OmniSciDB	client	37'797	active - no choice	
Firebird	client	73'823	inactive	15%
PostgreSQL	trino	472'097	active - no choice	
MySQL Database	trino	945'684	active - no choice	
MS SQL Server	trino	950'590	active - no choice	
Oracle Database	trino	1'503'204	active - no choice	

- **DBMS** - official DBMS name
- **Type** - client version, embedded version or via trino
- **ms** - total time of DDL and DML operations in milliseconds
- **Constraints** - DML operations with active or inactive constraints (foreign, primary and unique key)
- **Improvment** - improvement of total time if constraints are inactive

Detailed Open Issues

CrateDB

- Issue: dropping constraints is currently very limited, see here

H2 Database Engine

- Issue: dropping unique key constraints - SQL statement ALTER TABLE COUNTRY DROP CONSTRAINT CONSTRAINT_INDEX_6 (see here):

```
CREATE TABLE KXN_SCHEMA.COUNTRY ( PK_COUNTRY_ID BIGINT NOT NULL, COUNTRY_MAP BLOB,
CREATED TIMESTAMP NOT NULL, ISO3166 VARCHAR(50), MODIFIED TIMESTAMP, NAME VARCHAR(100)
NOT NULL ); CREATE UNIQUE INDEX CONSTRAINT_INDEX_6 ON KXN_SCHEMA.COUNTRY (NAME);

2021-07-29 11:48:34,901 [DatabaseSeeder.java] INFO Start H2 Database Engine [client]
org.h2.jdbc.JdbcSQLSyntaxErrorException: Constraint "CONSTRAINT_INDEX_6" not found; SQL
statement: ALTER TABLE COUNTRY DROP CONSTRAINT CONSTRAINT_INDEX_6 [90057-200] at
org.h2.message.DbException.getJdbcSQLException(DbException.java:576) at
org.h2.message.DbException.getJdbcSQLException(DbException.java:429) at
org.h2.message.DbException.get(DbException.java:205) at
org.h2.message.DbException.get(DbException.java:181) at
org.h2.command.ddl.AlterTableDropConstraint.update(AlterTableDropConstraint.java:41) at
org.h2.command.CommandContainer.update(CommandContainer.java:198) at
org.h2.command.Command.executeUpdate(Command.java:251) at
org.h2.server.TcpServerThread.process(TcpServerThread.java:406) at
org.h2.server.TcpServerThread.run(TcpServerThread.java:183) at
java.base/java.lang.Thread.run(Thread.java:832) at
org.h2.message.DbException.getJdbcSQLException(DbException.java:576) at
org.h2.engine.SessionRemote.done(SessionRemote.java:611) at
org.h2.command.CommandRemote.executeUpdate(CommandRemote.java:237) at
org.h2.jdbc.JdbcStatement.executeInternal(JdbcStatement.java:228) at
org.h2.jdbc.JdbcStatement.execute(JdbcStatement.java:201) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.executeSQLStmnts(AbstractJdbcSeeder.java
:1309) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.dropTableConstraints(AbstractJdbcSeeder.
java:1206) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.createData(AbstractJdbcSeeder.java:408)
at ch.konnexions.db_seeder.DatabaseSeeder.main(DatabaseSeeder.java:154) Processing of
the script was aborted, error code=1
```

HSQLDB

- Issue: dropping unique key constraints - SQL statement ALTER TABLE COUNTRY DROP CONSTRAINT SYS_IDX_SYS_PK_10289_10293 (see here):

```
CREATE TABLE PUBLIC.KXN_SCHEMA.COUNTRY ( PK_COUNTRY_ID BIGINT NOT NULL, COUNTRY_MAP
BLOB, CREATED TIMESTAMP NOT NULL, ISO3166 VARCHAR(50), MODIFIED TIMESTAMP, NAME
```

VARCHAR(100) NOT NULL, CONSTRAINT SYS_PK_10095 PRIMARY KEY (PK_COUNTRY_ID)); CREATE
UNIQUE INDEX SYS_IDX_SYS_CT_10098_10103 ON PUBLIC.KXN_SCHEMA.COUNTRY (NAME); CREATE
UNIQUE INDEX SYS_IDX_SYS_PK_10095_10099 ON PUBLIC.KXN_SCHEMA.COUNTRY (PK_COUNTRY_ID);

2021-07-29 12:37:21,595 [DatabaseSeeder.java] INFO Start HSQLDB [client]
java.sql.SQLSyntaxErrorException: user lacks privilege or object not found:
SYS_IDX_SYS_PK_10289_10293 at org.hsqldb.jdbc.JDBCUtil.sqlException(Unknown Source) at
org.hsqldb.jdbc.JDBCUtil.sqlException(Unknown Source) at
org.hsqldb.jdbc.JDBCStatement.fetchResult(Unknown Source) at
org.hsqldb.jdbc.JDBCStatement.execute(Unknown Source) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.executeSQLStmnts(AbstractJdbcSeeder.java
:1309) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.dropTableConstraints(AbstractJdbcSeeder.
java:1206) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.createData(AbstractJdbcSeeder.java:408)
at ch.konnexions.db_seeder.DatabaseSeeder.main(DatabaseSeeder.java:166) Caused by:
org.hsqldb.HsqlException: user lacks privilege or object not found:
SYS_IDX_SYS_PK_10289_10293 at org.hsqldb.error.Error.error(Unknown Source) at
org.hsqldb.result.Result.getException(Unknown Source) ... 7 more Processing of the
script was aborted, error code=1

IBM Db2 Database

- Issue: Docker Image from `docker pull ibmcom/db2:11.5.6.0`:

2021-07-29 13:09:33,884 [DatabaseSeeder.java] INFO Start IBM Db2 Database
com.ibm.db2.jcc.am.DisconnectNonTransientConnectionException: [jcc][t4][2030][11211]
[4.29.24] A communication error occurred during operations on the connection's
underlying socket, socket input stream, or socket output stream. Error location:
Reply.fill() - insufficient data (-1). Message: Insufficient data. ERRORCODE=-4499,
SQLSTATE=08001 at com.ibm.db2.jcc.am.b7.a(b7.java:338) at
com.ibm.db2.jcc.t4.a.a(a.java:573) at com.ibm.db2.jcc.t4.a.a(a.java:557) at
com.ibm.db2.jcc.t4.a.a(a.java:552) at com.ibm.db2.jcc.t4.y.b(y.java:315) at
com.ibm.db2.jcc.t4.y.c(y.java:342) at com.ibm.db2.jcc.t4.y.c(y.java:455) at
com.ibm.db2.jcc.t4.y.v(y.java:1230) at com.ibm.db2.jcc.t4.z.a(z.java:53) at
com.ibm.db2.jcc.t4.b.c(b.java:1482) at com.ibm.db2.jcc.t4.b.b(b.java:1354) at
com.ibm.db2.jcc.t4.b.b(b.java:889) at com.ibm.db2.jcc.t4.b.a(b.java:860) at
com.ibm.db2.jcc.t4.b.a(b.java:455) at com.ibm.db2.jcc.t4.b.a(b.java:428) at
com.ibm.db2.jcc.t4.b.<init>(b.java:366) at
com.ibm.db2.jcc.DB2SimpleDataSource.getConnection(DB2SimpleDataSource.java:243) at
com.ibm.db2.jcc.DB2SimpleDataSource.getConnection(DB2SimpleDataSource.java:200) at
com.ibm.db2.jcc.DB2Driver.connect(DB2Driver.java:491) at
com.ibm.db2.jcc.DB2Driver.connect(DB2Driver.java:117) at
java.sql/java.sql.DriverManager.getConnection(DriverManager.java:677) at
java.sql/java.sql.DriverManager.getConnection(DriverManager.java:251) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.connect(AbstractJdbcSeeder.java:321) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.connect(AbstractJdbcSeeder.java:212) at
ch.konnexions.db_seeder.jdbc.ibmdb2.Ibmdb2Seeder.setupDatabase(Ibmdb2Seeder.java:92) at

```
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.createData(AbstractJdbcSeeder.java:399)
at ch.konnexions.db_seeder.DatabaseSeeder.main(DatabaseSeeder.java:178) Processing of
the script was aborted, error code=1
```

OmniSciDB

- Issue: connection problem with existing OmnisciDB (see here).

```
2021-07-29 13:52:13,809 [DatabaseSeeder.java] INFO Start OmniSciDB
java.sql.SQLException: Omnisci connection failed -
[OmniSci.java:read:15275:TOmniSciException(error_msg:Sqlite3 Error: disk I/O error)] at
com.omnisci.jdbc.OmniSciConnection.<init>(OmniSciConnection.java:460) at
com.omnisci.jdbc.OmniSciDriver.connect(OmniSciDriver.java:80) at
java.sql/java.sql.DriverManager.getConnection(DriverManager.java:677) at
java.sql/java.sql.DriverManager.getConnection(DriverManager.java:228) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.connect(AbstractJdbcSeeder.java:326) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.connect(AbstractJdbcSeeder.java:275) at
ch.konnexions.db_seeder.jdbc.omnisci.OmnisciSeeder.setupDatabase(OmnisciSeeder.java:93)
at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.createData(AbstractJdbcSeeder.java:399)
at ch.konnexions.db_seeder.DatabaseSeeder.main(DatabaseSeeder.java:220) Caused by:
TOmniSciException(error_msg:Sqlite3 Error: disk I/O error) at
com.omnisci.thrift.server.OmniSci$connect_result$connect_resultStandardScheme.read(OmniS
ci.java:15275) at
com.omnisci.thrift.server.OmniSci$connect_result$connect_resultStandardScheme.read(OmniS
ci.java:15253) at
com.omnisci.thrift.server.OmniSci$connect_result.read(OmniSci.java:15195) at
org.apache.thrift.TServiceClient.receiveBase(TServiceClient.java:88) at
com.omnisci.thrift.server.OmniSci$Client.recv_connect(OmniSci.java:406) at
com.omnisci.thrift.server.OmniSci$Client.connect(OmniSci.java:391) at
com.omnisci.jdbc.OmniSciConnection.setSession(OmniSciConnection.java:431) at
com.omnisci.jdbc.OmniSciConnection.<init>(OmniSciConnection.java:452) ... 8 more
Processing of the script was aborted, error code=1
```

trino

- Issue: all connectors: absolutely unsatisfactory performance (see here).

- Issue: Oracle connector: Oracle session not disconnected (see here).

```
2021-01-14 17:44:35,322 [DatabaseSeeder.java] INFO Start 2021-01-14 17:44:35,328
[DatabaseSeeder.java] INFO tickerSymbolExtern='oracle_trino' 2021-01-14 17:44:35,328
[DatabaseSeeder.java] INFO Start Oracle Database via trino SLF4J: Class path contains
multiple SLF4J bindings. SLF4J: Found binding in
[jar:file:/D:/SoftDevelopment/Projects/db_seeder/lib/db_seeder.jar!/org/slf4j/impl/Stati
cLoggerBinder.class] SLF4J: Found binding in
[jar:file:/D:/SoftDevelopment/Projects/db_seeder/lib/jdbc-yugabytedb-42.2.7-yb-
3.jar!/org/slf4j/impl/StaticLoggerBinder.class] SLF4J: See
```

```
http://www.slf4j.org/codes.html#multiple_bindings for an explanation. SLF4J: Actual
binding is of type [org.slf4j.impl.Log4jLoggerFactory] java.sql.SQLSyntaxErrorException:
ORA-01940: Ein Benutzer, der gerade mit der DB verbunden ist, kann nicht gelöscht werden
at oracle.jdbc.driver.T4CTTIoer11.processError(T4CTTIoer11.java:509) at
oracle.jdbc.driver.T4CTTIoer11.processError(T4CTTIoer11.java:461) at
oracle.jdbc.driver.T4C8Oall.processError(T4C8Oall.java:1104) at
oracle.jdbc.driver.T4CTTIfun.receive(T4CTTIfun.java:553) at
oracle.jdbc.driver.T4CTTIfun.doRPC(T4CTTIfun.java:269) at
oracle.jdbc.driver.T4C8Oall.doOALL(T4C8Oall.java:655) at
oracle.jdbc.driver.T4CStatement.doOall8(T4CStatement.java:229) at
oracle.jdbc.driver.T4CStatement.doOall8(T4CStatement.java:41) at
oracle.jdbc.driver.T4CStatement.executeForRows(T4CStatement.java:928) at
oracle.jdbc.driver.OracleStatement.doExecuteWithTimeout(OracleStatement.java:1205) at
oracle.jdbc.driver.OracleStatement.executeInternal(OracleStatement.java:1823) at
oracle.jdbc.driver.OracleStatement.execute(OracleStatement.java:1778) at
oracle.jdbc.driver.OracleStatementWrapper.execute(OracleStatementWrapper.java:303) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.dropUser(AbstractJdbcSeeder.java:795) at
ch.konnexions.db_seeder.jdbc.oracle.OracleSeeder.setupDatabase(OracleSeeder.java:133) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.createData(AbstractJdbcSeeder.java:328)
at ch.konnexions.db_seeder.DatabaseSeeder.main(DatabaseSeeder.java:181) Caused by: Error
: 1940, Position : 0, Sql = DROP USER KXN_USER CASCADE, OriginalSql = DROP USER KXN_USER
CASCADE, Error Msg = ORA-01940: Ein Benutzer, der gerade mit der DB verbunden ist, kann
nicht gelöscht werden at
oracle.jdbc.driver.T4CTTIoer11.processError(T4CTTIoer11.java:513) ... 16 more Processing
of the script was aborted, error code=1
```

- Issue: Oracle connector: Support Oracle's NUMBER data type (see here).

- Issue: TrinoDatabaseMetaData support incomplete (see here).

```
2021-07-29 14:10:36,559 [DatabaseSeeder.java] INFO Start PostgreSQL via trino
java.sql.SQLFeatureNotSupportedException: imported keys not supported at
io.trino.jdbc.TrinoDatabaseMetaData.getImportedKeys(TrinoDatabaseMetaData.java:1066) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.dropTableConstraints(AbstractJdbcSeeder.
java:965) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.createData(AbstractJdbcSeeder.java:408)
at ch.konnexions.db_seeder.DatabaseSeeder.main(DatabaseSeeder.java:250) Processing of
the script was aborted, error code=1
```

VoltDB

- Issue: Java 16 not yet supported

```
2021-07-26 05:41:19,299 [DatabaseSeeder.java] INFO Start VoltDB
java.lang.NullPointerException: Cannot invoke "io.netty_voltpatches.NinjaKeySet.size()"
because "this.m_ninjaSelectedKeys" is null at
org.voltcore.network.VoltNetwork.optimizedInvokeCallbacks(VoltNetwork.java:478) at
org.voltcore.network.VoltNetwork.run(VoltNetwork.java:329) at
```

```
java.base/java.lang.Thread.run(Thread.java:831) Juli 26, 2021 5:41:19 AM
org.voltcore.logging.VoltUtilLoggingLogger log SEVERE: NULL : Throwable:
java.lang.NullPointerException: Cannot invoke "io.netty_voltpatches.NinjaKeySet.size()"
because "this.m_ninjaSelectedKeys" is null java.lang.NullPointerException: Cannot invoke
"io.netty_voltpatches.NinjaKeySet.size()" because "this.m_ninjaSelectedKeys" is null at
org.voltcore.network.VoltNetwork.optimizedInvokeCallbacks(VoltNetwork.java:478) at
org.voltcore.network.VoltNetwork.run(VoltNetwork.java:329) at
java.base/java.lang.Thread.run(Thread.java:831) Juli 26, 2021 5:41:19 AM
org.voltcore.logging.VoltUtilLoggingLogger log SEVERE: NULL : Throwable:
java.lang.NullPointerException: Cannot invoke "io.netty_voltpatches.NinjaKeySet.size()"
because "this.m_ninjaSelectedKeys" is null Juli 26, 2021 5:43:20 AM
org.voltcore.logging.VoltUtilLoggingLogger log WARNING: Connection to VoltDB node at:
localhost:21212 was lost. java.sql.SQLException: Connection closed (CONNECTION_LOST):
'Connection to database host (localhost/127.0.0.1:21212) was lost before a response was
received' at org.voltdb.jdbc.SQLError.get(SQLError.java:60) at
org.voltdb.jdbc.JDBC4Statement$VoltSQL.execute(JDBC4Statement.java:133) at
org.voltdb.jdbc.JDBC4Statement.execute(JDBC4Statement.java:376) at
org.voltdb.jdbc.JDBC4Statement.execute(JDBC4Statement.java:387) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.executeSQLStmnts(AbstractJdbcSeeder.java
:1319) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.dropAllTablesIfExists(AbstractJdbcSeeder
.java:784) at
ch.konnexions.db_seeder.jdbc.voltdb.VoltdbSeeder.setupDatabase(VoltdbSeeder.java:105) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.createData(AbstractJdbcSeeder.java:407)
at ch.konnexions.db_seeder.DatabaseSeeder.main(DatabaseSeeder.java:269) Caused by:
org.voltdb.client.ProcCallException: Connection to database host
(localhost/127.0.0.1:21212) was lost before a response was received at
org.voltdb.client.ClientImpl.internalSyncCallProcedure(ClientImpl.java:461) at
org.voltdb.client.ClientImpl.callProcedureWithClientTimeoutImpl(ClientImpl.java:311) at
org.voltdb.client.ClientImpl.callProcedureWithClientTimeout(ClientImpl.java:285) at
org.voltdb.jdbc.JDBC4ClientConnection.execute(JDBC4ClientConnection.java:351) at
org.voltdb.jdbc.JDBC4Statement$VoltSQL.execute(JDBC4Statement.java:122) ... 7 more
Processing of the script was aborted, error code=1
```

- Issue: dropping primary key constraints (see here):

1. DDL Statement: CREATE TABLE

```
CREATE TABLE COUNTRY ( COUNTRY_MAP VARBINARY(1048576), CREATED TIMESTAMP NOT NULL,
ISO3166 VARCHAR(50), MODIFIED TIMESTAMP, NAME VARCHAR(100) NOT NULL, PK_COUNTRY_ID
BIGINT NOT NULL, CONSTRAINT VOLTDB_AUTOGEN_CT__PK_COUNTRY_PK_COUNTRY_ID PRIMARY KEY
(PK_COUNTRY_ID) ); CREATE UNIQUE INDEX VOLTDB_AUTOGEN_IDX_CT_COUNTRY_NAME ON COUNTRY
(NAME); CREATE UNIQUE INDEX VOLTDB_AUTOGEN_IDX_PK_COUNTRY_PK_COUNTRY_ID ON COUNTRY
(PK_COUNTRY_ID);
```

2. DDL Statement: DROP CONSTRAINT

```
ALTER TABLE COUNTRY DROP CONSTRAINT VOLTDB_AUTOGEN_CT__PK_COUNTRY_PK_COUNTRY_ID
```

3. Error message:

```
2021-07-29 15:12:59,724 [DatabaseSeeder.java] INFO Start VoltDB WARNING: An illegal
reflective access operation has occurred WARNING: Illegal reflective access by
io.netty_voltpatches.NinjaKeySet
(file:/D:/SoftDevelopment/Projects/db_seeder/lib/voltdbclient-10.1.1.jar) to field
sun.nio.ch.SelectorImpl.selectedKeys WARNING: Please consider reporting this to the
maintainers of io.netty_voltpatches.NinjaKeySet WARNING: Use --illegal-access=warn to
enable warnings of further illegal reflective access operations WARNING: All illegal
access operations will be denied in a future release java.sql.SQLException: General
Provider Error (GRACEFUL_FAILURE): '[Ad Hoc DDL Input:1]: DDL Error: "object not found:
VOLTDB_AUTOGEN_CT__PK_COUNTRY_PK_COUNTRY_ID"' at
org.voltdb.jdbc.SQLError.get(SQLError.java:60) at
org.voltdb.jdbc.JDBC4Statement$VoltSQL.execute(JDBC4Statement.java:143) at
org.voltdb.jdbc.JDBC4Statement.execute(JDBC4Statement.java:376) at
org.voltdb.jdbc.JDBC4Statement.execute(JDBC4Statement.java:387) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.executeSQLStmnts(AbstractJdbcSeeder.java
:1337) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.dropTableConstraints(AbstractJdbcSeeder.
java:1207) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.createData(AbstractJdbcSeeder.java:408)
at ch.konnexions.db_seeder.DatabaseSeeder.main(DatabaseSeeder.java:280) Caused by:
org.voltdb.client.ProcCallException: [Ad Hoc DDL Input:1]: DDL Error: "object not found:
VOLTDB_AUTOGEN_CT__PK_COUNTRY_PK_COUNTRY_ID" at
org.voltdb.client.ClientImpl.internalSyncCallProcedure(ClientImpl.java:461) at
org.voltdb.client.ClientImpl.callProcedureWithClientTimeoutImpl(ClientImpl.java:311) at
org.voltdb.client.ClientImpl.callProcedureWithClientTimeout(ClientImpl.java:285) at
org.voltdb.jdbc.JDBC4ClientConnection.execute(JDBC4ClientConnection.java:351) at
org.voltdb.jdbc.JDBC4Statement$VoltSQL.execute(JDBC4Statement.java:122) ... 6 more
Processing of the script was aborted, error code=1
```

YugabyteDB

- Dropping primary key constraints not yet supported (see here).

```
2021-07-26 05:20:41,803 [DatabaseSeeder.java] INFO Start YugabyteDB
org.postgresql.util.PSQLException: ERROR: dropping a primary key constraint is not yet
supported at
org.postgresql.core.v3.QueryExecutorImpl.receiveErrorResponse(QueryExecutorImpl.java:243
4) at
org.postgresql.core.v3.QueryExecutorImpl.processResults(QueryExecutorImpl.java:2179) at
org.postgresql.core.v3.QueryExecutorImpl.execute(QueryExecutorImpl.java:307) at
org.postgresql.jdbc.PgStatement.executeInternal(PgStatement.java:441) at
org.postgresql.jdbc.PgStatement.execute(PgStatement.java:365) at
org.postgresql.jdbc.PgStatement.executeWithFlags(PgStatement.java:307) at
org.postgresql.jdbc.PgStatement.executeCachedSql(PgStatement.java:293) at
org.postgresql.jdbc.PgStatement.executeWithFlags(PgStatement.java:270) at
org.postgresql.jdbc.PgStatement.execute(PgStatement.java:266) at
```

```
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.executeSQLStmnts(AbstractJdbcSeeder.java
:1319) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.dropTableConstraints(AbstractJdbcSeeder.
java:1216) at
ch.konnexions.db_seeder.jdbc.AbstractJdbcSeeder.createData(AbstractJdbcSeeder.java:417)
at ch.konnexions.db_seeder.DatabaseSeeder.main(DatabaseSeeder.java:274) Processing of
the script was aborted, error code=1
```