

CEA DATABASE PSQL -> SQLite Report

When transferring from postgresSQL to SQLite, we encountered the following problems:

1. Commands "CREATE SCHEMA" and "DROP SCHEMA" are not supported in SQLite.
2. Keyword "CASCADE" is not supported in SQLite, because SQLite adds them by default.
3. SQLite doesn't support "DOMAIN", so we have to use the regular "CHECK" statements.
4. SQLite doesn't allow us to create new types, statements with "CREATE TYPE" are not recognized.
5. SQLite doesn't support ENUMS neither, so we have to change it back to regular types and check them using value constraints.

Here is a copy of the shell output when we run the command:

```
sqlite3 CEA.db < CEA_db_postgre.sql
```

```
wolf:~$ sqlite3 CEA.db < scripts/CEA.sql
Error: near line 1: near "SCHEMA": syntax error
Error: near line 2: near "SCHEMA": syntax error
Error: near line 3: near "SET": syntax error
Error: near line 5: near "DOMAIN": syntax error
Error: near line 10: near "CASCADE": syntax error
Error: near line 12: table Department already exists
Error: near line 17: near "CASCADE": syntax error
Error: near line 19: table Course already exists
Error: near line 26: near "CASCADE": syntax error
Error: near line 28: table Covers already exists
Error: near line 37: near "CASCADE": syntax error
Error: near line 39: table Acquires already exists
Error: near line 48: near "CASCADE": syntax error
Error: near line 50: table Prereq already exists
Error: near line 61: near "CASCADE": syntax error
Error: near line 63: table Excludes already exists
Error: near line 74: near "CASCADE": syntax error
Error: near line 76: near "TYPE": syntax error
Error: near line 78: table Edition already exists
Error: near line 91: near "CASCADE": syntax error
Error: near line 93: table Student already exists
```

Error: near line 105: near "CASCADE": syntax error
Error: near line 107: table Takes already exists
Error: near line 114: near "CASCADE": syntax error
Error: near line 116: near "TYPE": syntax error
Error: near line 118: near "REFERENCES": syntax error
Error: near line 135: near "CASCADE": syntax error
Error: near line 137: table Instructor already exists
Error: near line 145: near "CASCADE": syntax error
Error: near line 147: table Expertises_instr already exists
Error: near line 153: near "CASCADE": syntax error
Error: near line 155: table Freelancer already exists
Error: near line 159: near "CASCADE": syntax error
Error: near line 161: table FacultyMember already exists
Error: near line 166: near "CASCADE": syntax error
Error: near line 168: table FacultyResearcher already exists
Error: near line 172: near "CASCADE": syntax error
Error: near line 174: table FacultyTeacher already exists
Error: near line 178: near "CASCADE": syntax error
Error: near line 180: table InterestedIn already exists
Error: near line 186: near "CASCADE": syntax error
Error: near line 188: table Teaches already exists
Error: near line 194: near "CASCADE": syntax error
Error: near line 196: table Employs already exists
Error: near line 209: near "CASCADE": syntax error
Error: near line 211: table Expertises_comp already exists