

## Generic IDSR COVID 19 data to OMO -6.0 under INSPIRE Project

### Implementation Guidelines

Version: V2

Date: 2023-03-08

Author: Tathagata Bhattacharjee

Steps for implementing this data migration from a generic synthetic IDSR data to OMOP 6.0

#### **Step 1:**

Create a PostgreSQL database and then create a schema within it to load the synthetic data. Preferably name the schema as synthetic\_<version number>. The version number shown below in the screenshot indicates the version of the synthetic data you want to read from.

Pentaho will create the other two schemas for holding the CDM and the Staging if not already created. The names will be as per the value assigned to the cdm\_schema and staging variables.

For continuing to the Jobs to migrate data from OMOP CDM 6.0 to OMOP CDM 5.4, Pentaho will create the relevant schema as mentioned in the Job that runs the specific migration.

Job entry name: Set variables

Properties file

Name of properties file

Variable scope: Valid in the Java Virtual Machine

Settings

Variable substitution? ☒

Variables :

#	Variable name	Value	Variable scope type
1	schema	synthetic	Valid in the Java Virtual Machine
2	version	v1	Valid in the Java Virtual Machine
3	cdm_schema	omop_6_0	Valid in the Java Virtual Machine
4	staging	staging	Valid in the Java Virtual Machine

Labels with arrows pointing to the table rows:

- Name of the schema that contains the source (input) data → 1
- Version of the source (input) data → 2
- Name of the schema that will hold the OMOP CDM → 3
- Name of the schema that will hold the staging data → 4

Buttons: Help, OK, Cancel

#### **Step 2:**

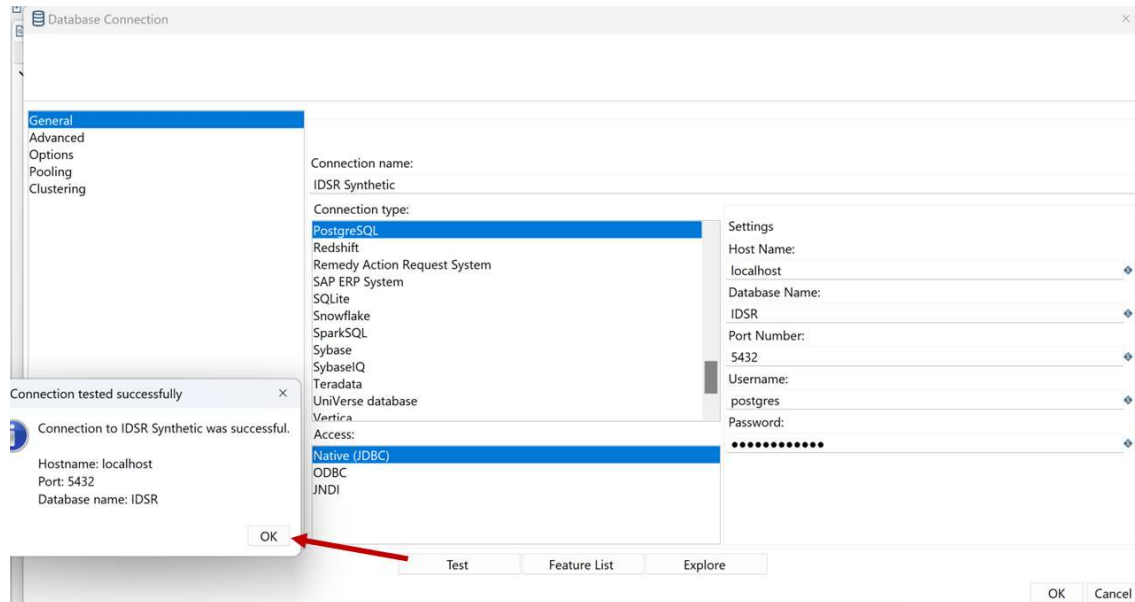
Restore the who\_idsr\_synthetic\_<version>.backup file in to the synthetic schema

### **Step 3:**

Store all the Pentaho files in a folder. Then, in Pentaho Spoon, create a File Repository, pointing to the folder.

### **Step 4:**

Open the 00 MASTER job and then update/create the database connection, so that you point to the database created in step 1.



### **Step 5:**

Now, run the 00 MASTER job and it will complete the data migration. The OMOP schema tables will get populated.