

Import Tool

Project Name : Inomap

Tool Name : Import Tool

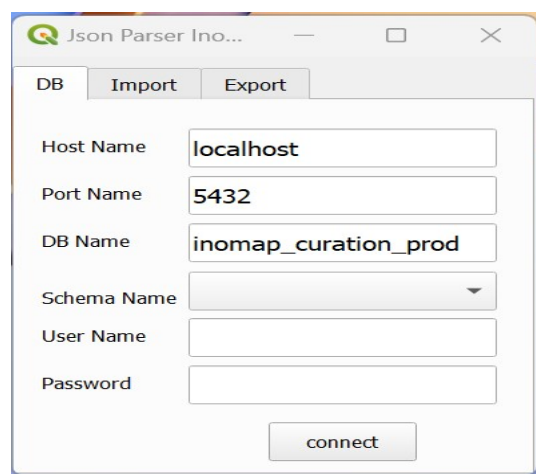
Purpose : The tool is developed to import the client data from json format to postgres database.

Software used: Python 3 , Qgis 3.28 , PyQt

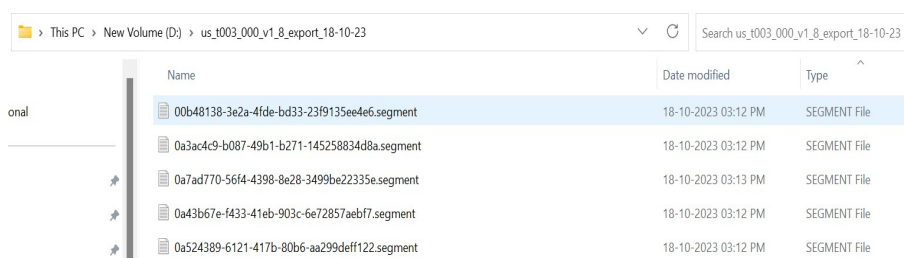
Plugin Icon



Tool Interface

A screenshot of the 'Json Parser Inomap' tool interface. It has a title bar with a green icon and the text 'Json Parser Inomap'. Below the title bar are three tabs: 'DB', 'Import', and 'Export'. The 'Import' tab is selected. The interface contains several input fields: 'Host Name' with 'localhost', 'Port Name' with '5432', 'DB Name' with 'inomap_curation_prod', 'Schema Name' with a dropdown arrow, 'User Name' (empty), and 'Password' (empty). At the bottom right is a 'connect' button.

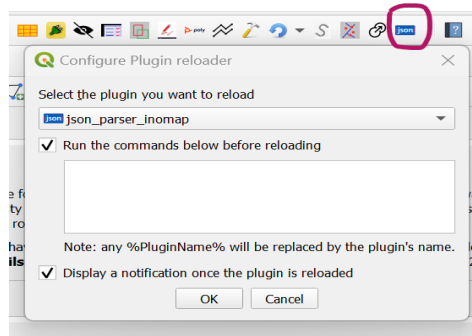
Source data is given in .segment files and stored in a folder.

A screenshot of a Windows File Explorer window showing a folder named 'us_t003_000_v1_8_export_18-10-23'. The table below lists the files in this folder, all of which are '.segment' files.

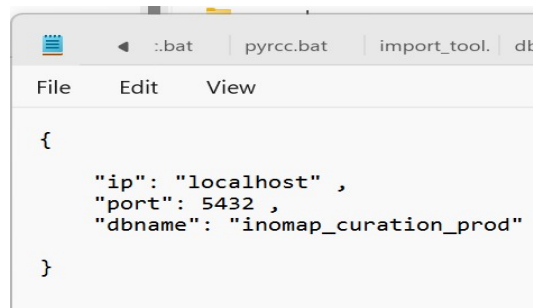
Name	Date modified	Type
00b48138-3e2a-4fde-bd33-23f9135ee4e6.segment	18-10-2023 03:12 PM	SEGMENT File
0a3ac4c9-b087-49b1-b271-145258834d8a.segment	18-10-2023 03:12 PM	SEGMENT File
0a7ad770-56f4-4398-8e28-3499be22335e.segment	18-10-2023 03:13 PM	SEGMENT File
0a43b67e-f433-41eb-903c-6e72857aebf7.segment	18-10-2023 03:12 PM	SEGMENT File
0a524389-6121-417b-80b6-aa299deff122.segment	18-10-2023 03:12 PM	SEGMENT File

Steps to run the Tool

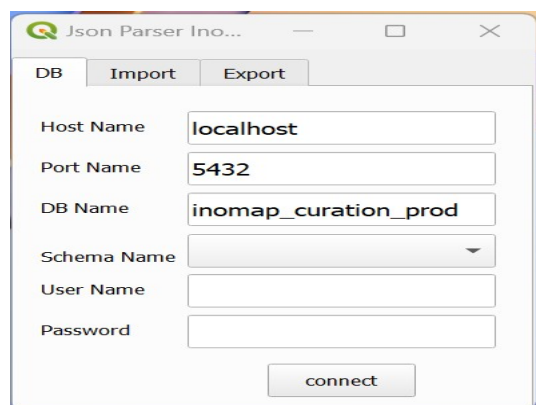
Step1: Install the plugin in Qgis application and reload the plugin using Configure plugin re-loader option.



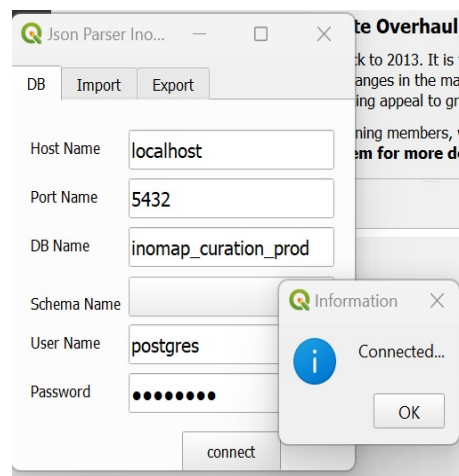
Step2 : Go to the plugin folder and check the App configure file for the Database credentials and change the credentials and save if Required.



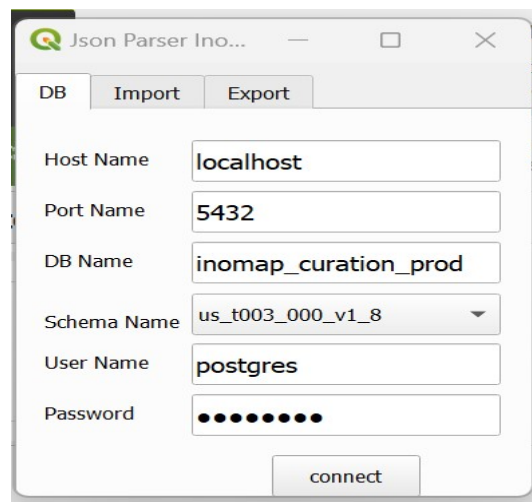
Step3: Go to Qgis and refresh the plugin and open the plugin, it will shown the db credentials except username and password.



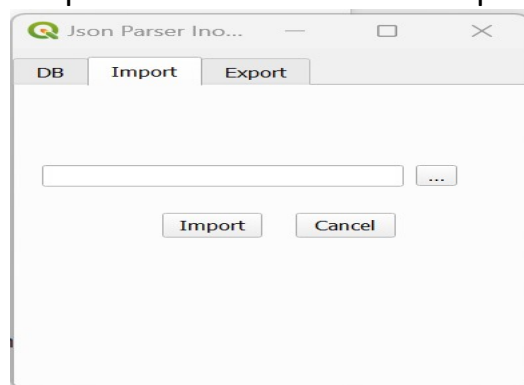
Step4: Enter the user name and password to connect the database and Click on connect button.



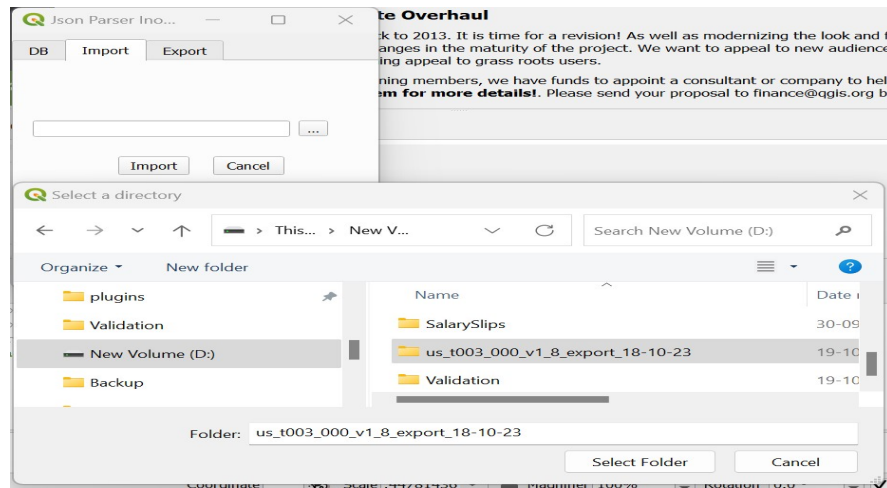
Step5: Once db is connected successfully, the schema names are shown In the drop down list.



Step 6: Select the specific schema name and open the import tab.

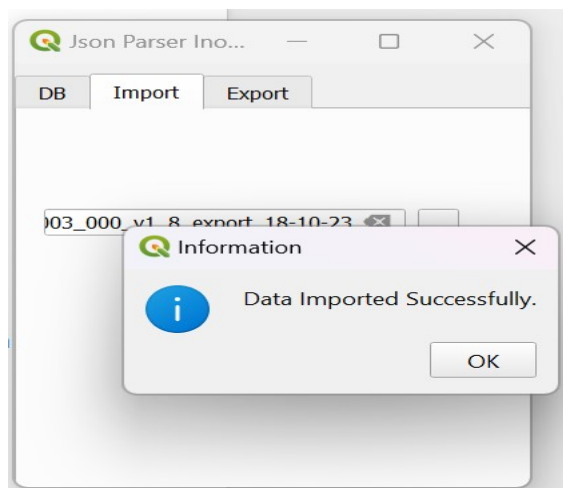


Step7 : Click the browse button and select the folder where source Segment files are stored and the folder should not shown The .segmnt files but select the folder.



Step 8: Make sure folder path is displayed and then click import button To import the data into the selected schema from the db.

Step 9: After completion of all the data import process , the message box will be shown “Data imported successfully”.



Step 10 : In Qgis check the layers from the chosen schema whether the Data is imported properly or not and the attribute count . (Lane_lines , Lanes , segment , transition).