

External Info Query in MarushkaDesign



GEOVAP

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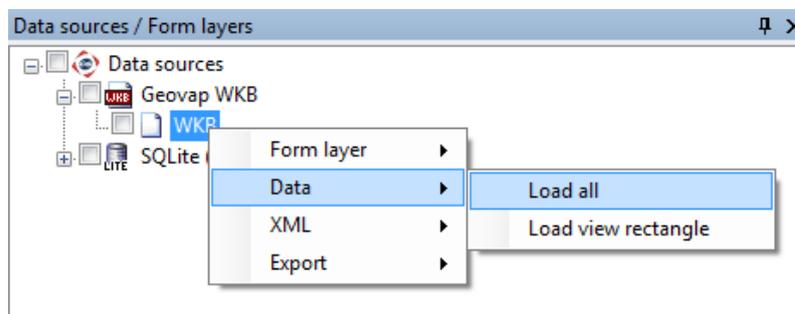
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1 Aim of the Example

In this example we will demonstrate creation of external information query in MarushkaDesign. This example was created in version 4.0.2.0, so it does not have to be compatible with older versions.

2 Working with Example

- Unzip the contents of file **ExternallInfoQuery_EN.zip** into **C:\MarushkaExamples** folder. The target folder must be respected due to interconnection of paths with the project. In the case of placing the files in the different folder, it would not be possible to work with an example.
- Open the **ExternallInfoQuery_EN.xml** in MarushkaDesign environment.
- Select form layer WKB in the data store Geovap WKB, in the context menu choose Data – Load all:



- In map window choose „Fit all“:



- Launch the local web server:



3 Dialog Box Sample

Fig 1: Query selection Make external info In MarushkaDesign

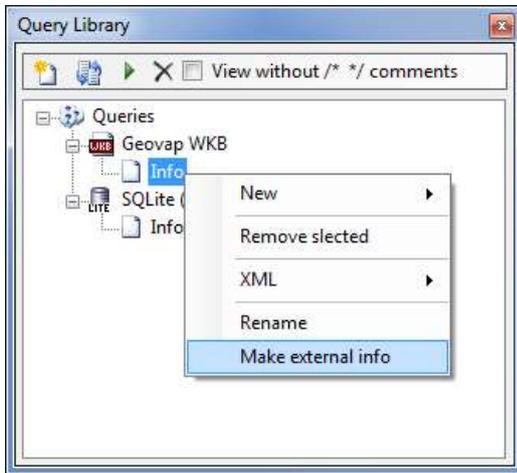


Fig 2: Example of resulting map window with Make external info query result in MarushkaDesign

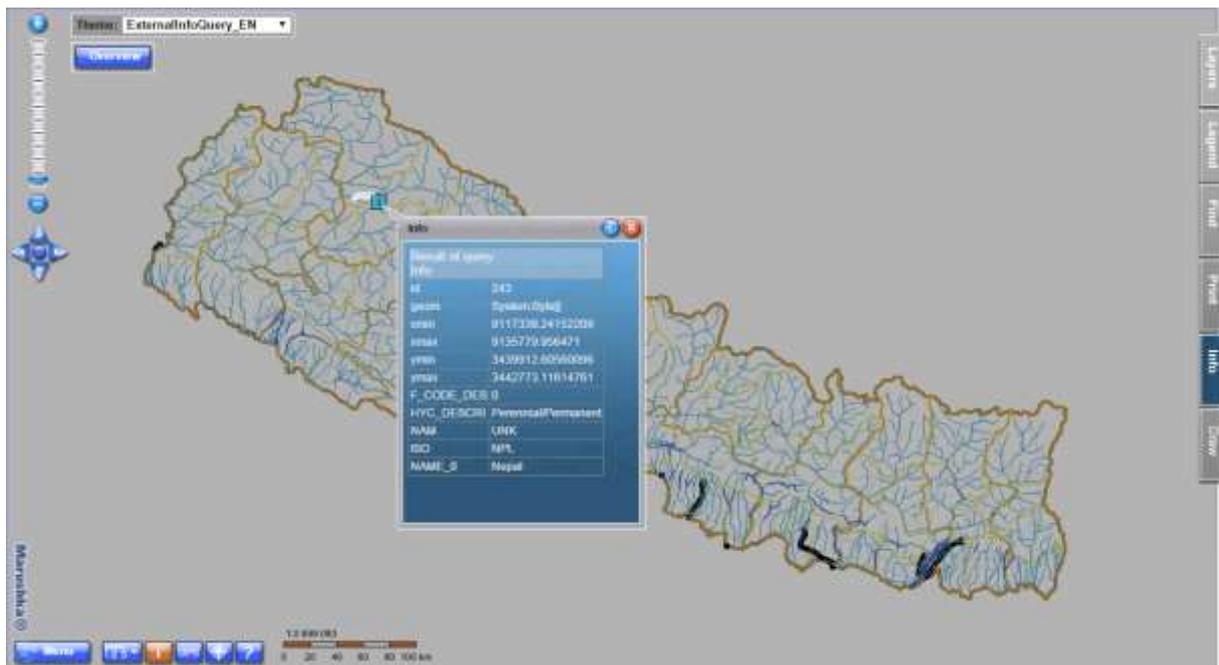
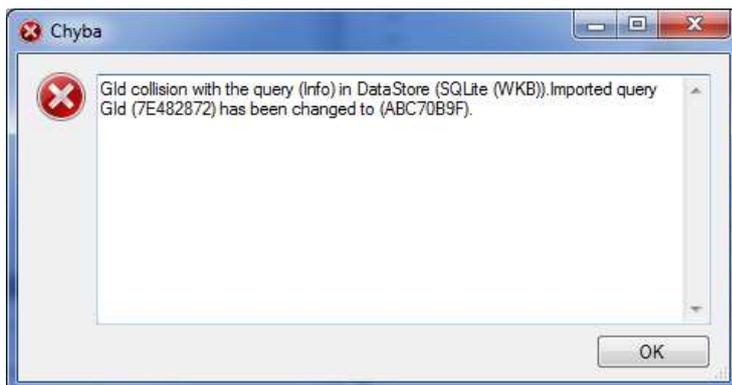


Fig 3: Error message, indicating the Gid change of imported information query



4 A Brief Description of the Example in MarushkaDesign

In this example project contains a data store **SQLite (WKB)** with nine form layers, depicting administrative boundaries, railways, roads, water areas and water lines in Nepal. On form layer **water_lines** is created classical information query, returning all the columns from the database to the selected element from the table.

This example also include data store **Geovap WKB**, which was created so that the data store SQLite (WKB) was exported into WKB format. So it was added to the project as a separate data store.

From the data store SQLite (WKB) was subsequently exported to xml the only contained herein query, called **Info** and it was subsequently imported into the Geovap WKB data store. The query wants by default to maintain its ID, if it is possible. But in this case ID will be automatically changed, because IDs would be identical within the project, which is not possible. MarushkaDesign alerts this information by the Pop-up window, displayed in Fig 3; it is then confirmed by clicking on OK.

Next it is necessary to right-click in the query library of the data store Geovap WKB on a single query Info and select **Make external info**, as shown in the Fig 1; and choose the data store SQLite (WKB). Therefore will be subsequently returned information from the SQLite data store for elements from the data store WKB.

In the map window you can either turn on information icons for publish layer WKB or activate *PreSelect* icon and after clicking on any element from the WKB data source (specifically **water lines**) returns information through this external query. Example of resulting map window with a query result is in Fig 2.

This way it is possible to create information queries on any database external data stores.