

Spatial Incidence of Parcels in Marushka



GEOVAP

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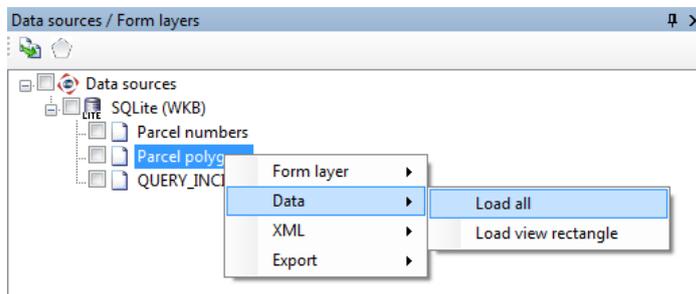
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1 Aim of the Example

In this example we will demonstrate how to work with query type Spatial Incidence of Parcels. This example was created in version 4.1.0.27 and it does not have to be compatible with older versions.

2 Working with Example

- Unzip the **SpatialIncidence_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 project **SpatialIncidence_EN.xml** in MarushkaDesign environment.
- Select form layer **Parcel polygons**, in the context menu choose Data – Load all:



- In map window choose „Fit All“:

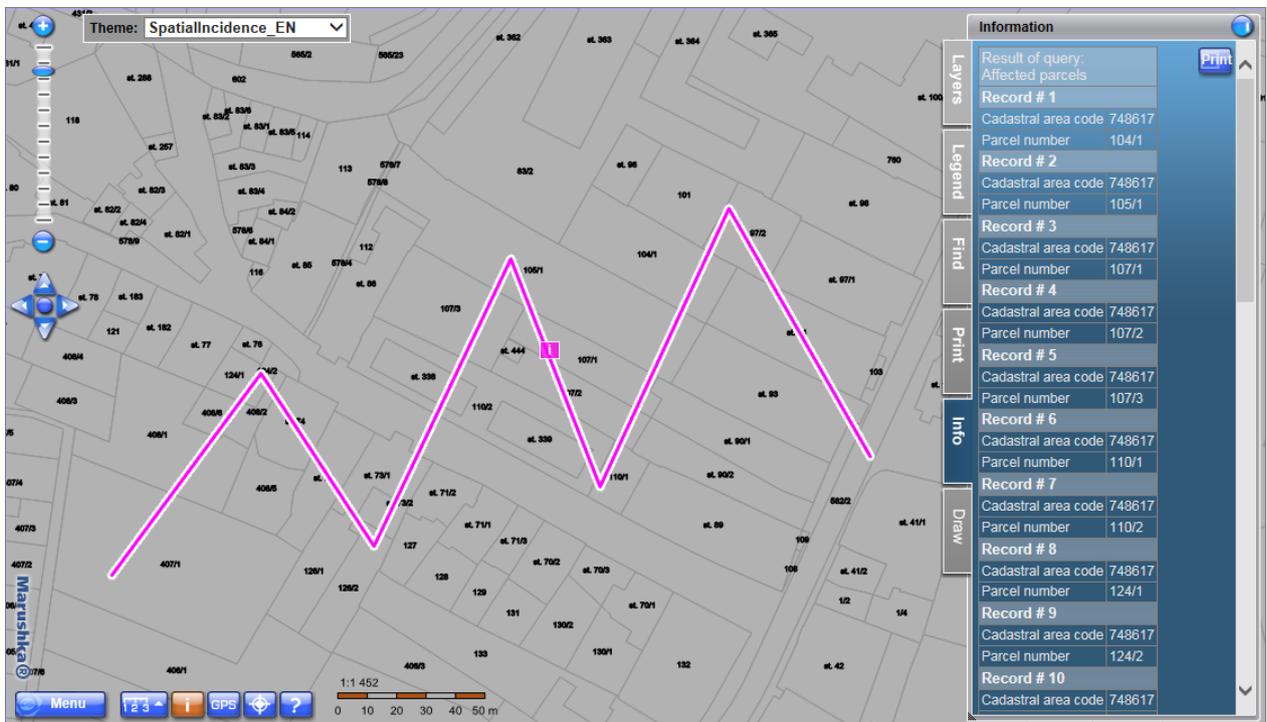
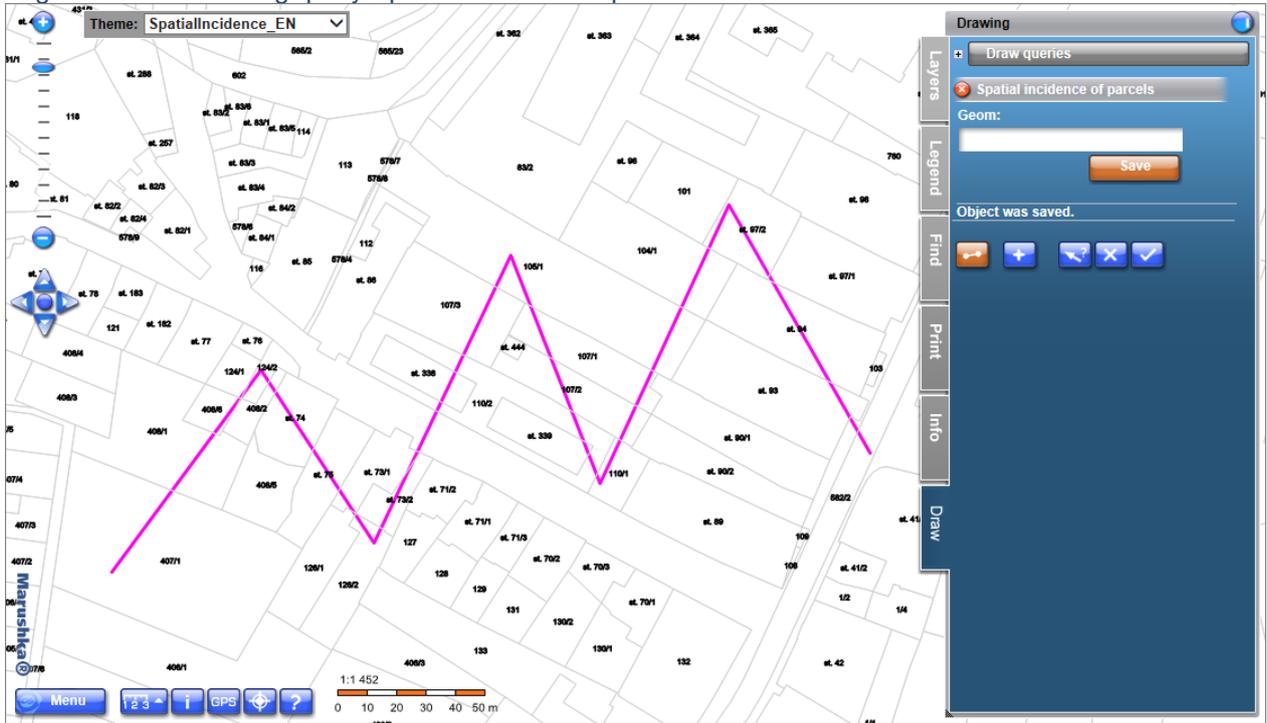


- Launch the local web server:



3 Dialog Box Sample

Img 1: Line drawn using query Spatial incidence of parcels



Img 2: View of list of parcels, which do interfere with the line

4 A Brief Description of the Example

The aim of the example is to show work with query type `DBMSSpatialIncidenceQueryItem`, which is spatial incidence of parcels. This query allows user to draw a line above parcels layer. As a result of the query is returned a list of parcels, which the line intersects.

In the data store SQLite (WKB) are 3 form layer. Layers *Parcel numbers* and *Parcel polygons* do contain information about the parcel and are stored in the table *PARCELY_KN*. Into the form layer *QUERY_INCID* is saved line drawn using query *Spatial incidence of parcels*.

The query library contains query *Affected parcels*, which returns a list of parcels, through which passes this line. The query *Parcel* returns Cadastral area code and Parcel number, on the basis in which is then done incidence of parcels.

Etalon library contains the query called *Query on parcels*, which is linked with query Spatial incidence of parcels from the query library.

In Marushka is then query *Spatial incidence of parcels* started from panel *Draw* and allows drawing a line by points, like in Fig 1. Subsequently, after clicking on the PreSelect icon , the user clicks on the drawn line and then on the pink icon . After that, in panel Information, the list of parcels through which the drawn line interferes is returned. A fragment of the query result (a list of parcels) can be seen in Fig 2.