

Annotation in Combination with Tiles in Marushka Design



GEOVAP

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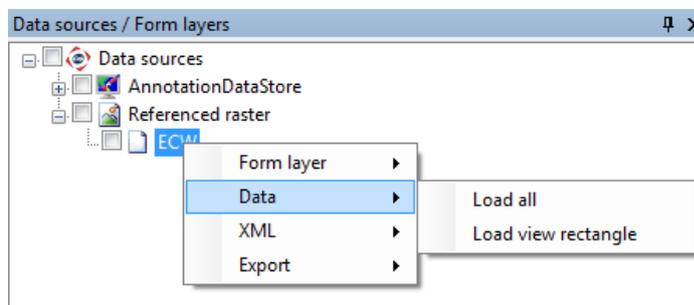
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1 Aim of the Example

In this example you will be shown how to set up the annotation with combination with tile layer in MarushkaDesign Tile system in MarushkaDesign. This example was created in version 4.0.3.12, so it does not have to be compatible with older versions.

2 Working with Example

- Unzip the **TileAnnotation_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 **TileAnnotation_EN.xml** in MarushkaDesign environment.
- Select form layer **ECW**, in the data store **Raster ORTHO**, in the context menu choose **Data – Load all**:



- In map window choose “Fit all”:



- Zoom in to some reasonable scale, in which you will display the map with annotation and select **Data – Load view rectangle** on the same layer.
- Launch the local web server:



3 Dialog Box Sample

6. OGC Web Map Tile Service	
AllowWMTS	True
AnotCellGid	Cell
AnotIndex	2
BackgroundColor	0, 255, 255, 255
TileCleaner	GeSto.Engine.WMTS.Til
WmtsRootFolder	C:\Marushka Tile\Test 1\
WmtsTileExtent	25
WmtsTilesCached	True
WmtsTilesCachedMinI	
WmtsTilesClientCache	False
WmtsTilesClientCache	20
WmtsTilesFolder	C:\Marushka Tile\Test 1\3FB5
WmtsTilesIndex	Not set

Fig 1: Settings of tile publish layer with annotation in Marushka Design



Fig 2: Illustration of map window result – tiles in combination with annotation layer – texts ©ČÚZK are for demonstration reasons highlighted by red squares

4 A Brief Description of the Example in Marushka Design

This example includes a data store *Referenced raster* containing form layer *ECW* with Ortophoto image of part of Bratislava city. The *Annotation Data Store* contains annotation layer *Annotation*, using which is displayed a cell from the cell library.

Publish Layer Settings

Since the tiles are generated by other means than form layers and also due to the fact that not all the data formats do support transparency, so it is possible for them to display annotations in the standard manner with perfect functionality.

To set the annotation in combination with Tile is necessary to set, for publish layer containing raster and annotation, in category *6*. *OGC Web Map Tile Service* set value *AllowWMTS* to *'true'*, without that, the layer would not be displayed in tiles.

It is also necessary to import a raster cell into the project; this cell will be displayed as an annotation. It is recommended to set cell *Gid* to some normal value, because further will be necessary to work with it.

The value *AnotCellGid* sets the *Gid* of the cell from the cell library, which will be inserted into tiles. *AnotIndex* is a number, which determines the frequency of displayed annotation. The value *2* ensures that every other generated tile will be placed in the given annotation in both directions. Similarly, the value *3* determines that the annotation will be drawn in every third tile in both directions. Sample of publish setting is shown in Figure 1 of this document.