## Counting Number of Vertices in a Layer

**QGIS** Tutorials and Tips



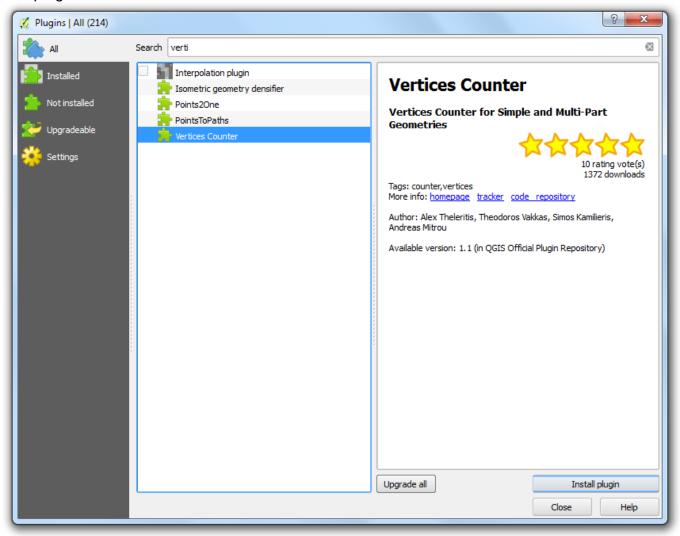
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## Counting Number of Vertices in a Layer

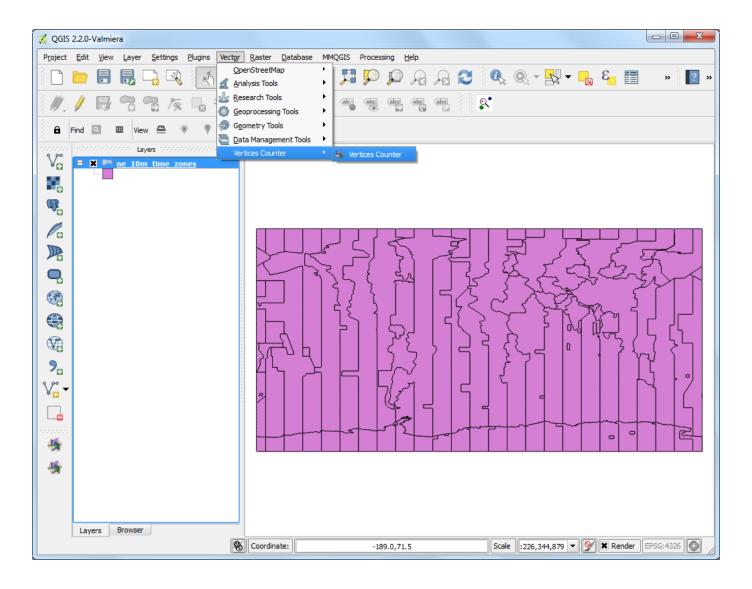
QGIS doesn't have a built-in function to calculate number of vertices for each feature in a layer. But a very handy plugin called **Vertices Counter** fills this gap and adds a few handy features as well.

## Procedure

1. Find and install the **Vertices Counter** plugin. See *Using Plugins* for details on installing plugins in QGIS.



2. Load any polygon or line layer in QGIS. Go to Vector ■ Vertices Counter ■ Vertices Counter.



3. By default, the active layer will be selected under the *Layer Selection*. You may select any other loaded layers or open layer directly from disk as well. The plugin has an option called *Create new column* which can add an number of vertices as an attribute for each feature. This is handy for a lot of use cases, so we can select that option. Now click on the *Count Vertices* button and the *Results* section will be populated with vertex count for each feature. You can even see the *Total Vertices* displayed on the side.



4. Back in the main QGIS window, let's verify if a new column was added to our layer. Right-click the layer and select *Open Attribute Table*.



5. As you will notice, a column named Vertices will be added at the end with values representing the vertex count for each feature. This column can come in handy if you want to do a query such as  $Select\ all\ features\ with\ Vertices > X$ .

