

Counting Number of Vertices in a Layer

QGIS Tutorials and Tips



Author

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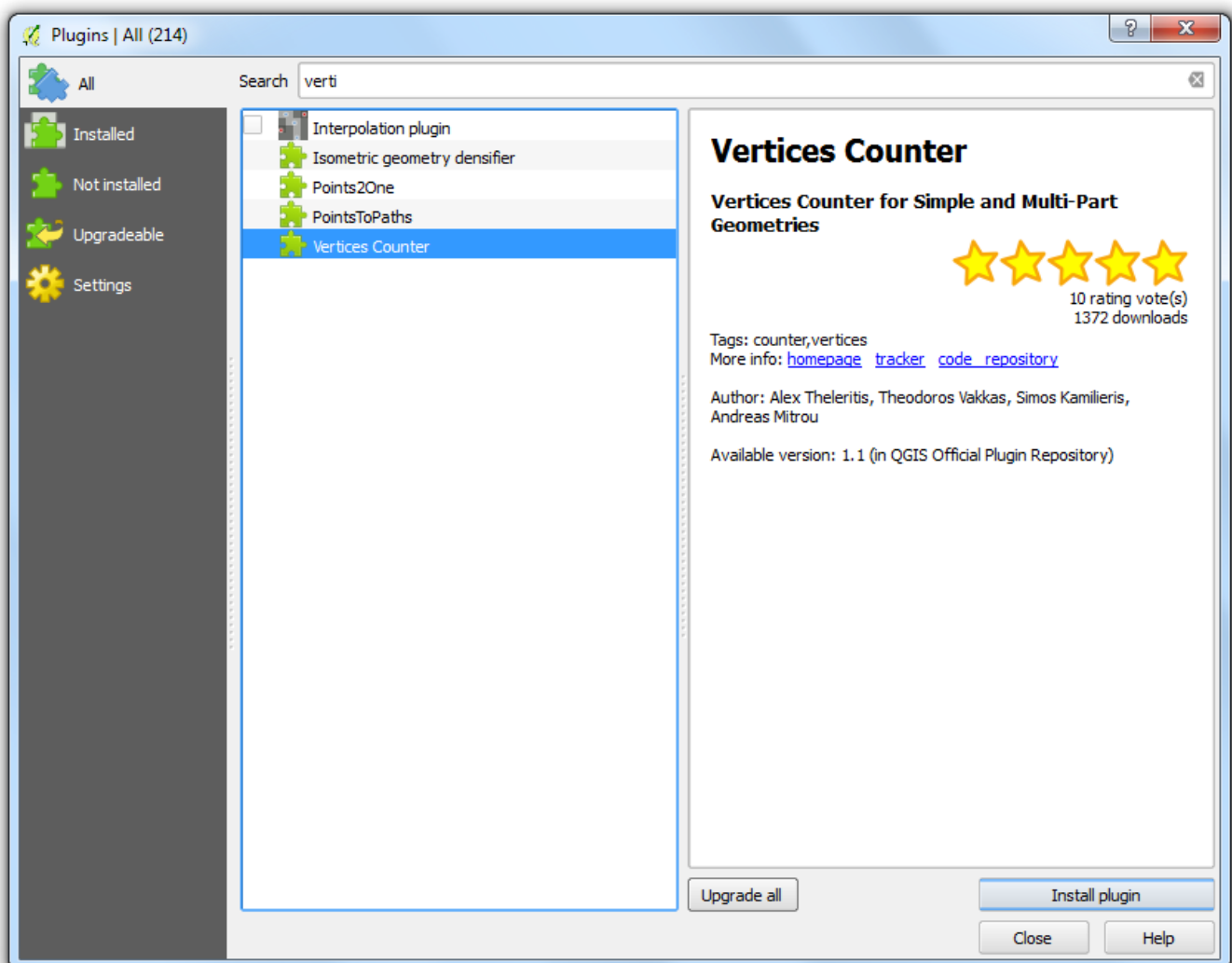
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Translations by

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QGIS is a free and open-source geographic information system (GIS) software. It is designed to run on a wide variety of platforms, including Windows, Linux, and macOS. One of the key features of QGIS is its ability to handle a wide range of data formats, including vector and raster data. The **Vertices Counter** plugin is a useful tool for analyzing vector data, specifically for counting the number of vertices in a geometry. This plugin is available in the QGIS Plugin Repository and can be installed directly from within the QGIS application.

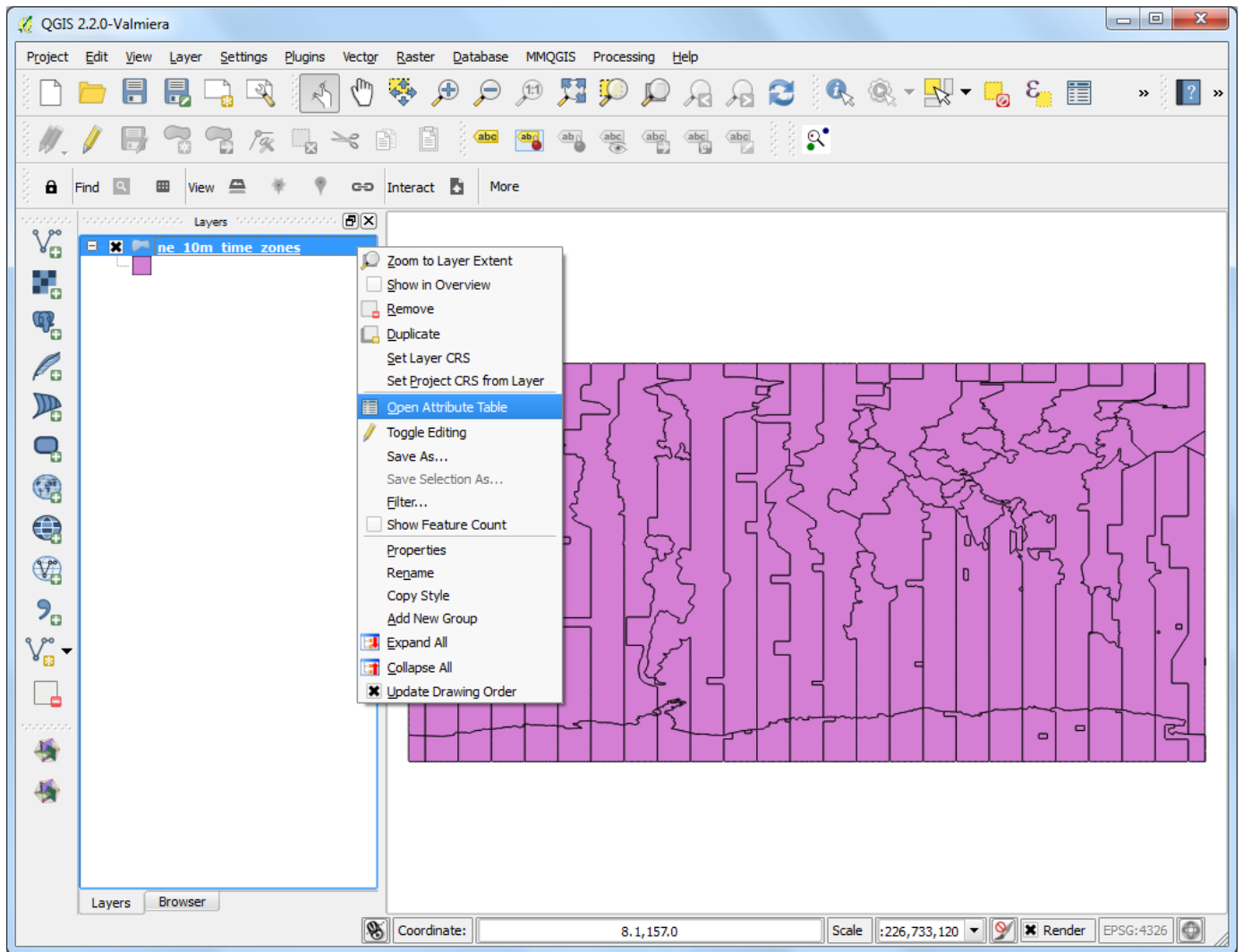
1. To install the **Vertices Counter** plugin in QGIS, follow these steps:
 - Open the QGIS application.
 - Go to the **Plugins** menu and select **Manage and Install Plugins...**
 - In the **Plugins** dialog, click on the **Installed** tab.
 - Search for **verti** in the search bar.
 - Click on the **Vertices Counter** plugin in the list.
 - Click the **Install plugin** button.



2. To use the **Vertices Counter** plugin in QGIS, follow these steps:
 - Open the QGIS application.
 - Go to the **Vector** menu and select **Count Vertices...**
 - In the **Count Vertices** dialog, select the layer you want to analyze.
 - Click the **OK** button.



4. **Click on the 'Count Vertices' button in the plugin interface. The results table will show the number of vertices for each feature. The total number of vertices is 155007. Click on the 'Export results to CSV' button to save the results to a CSV file.**



5. **Vertices** **vertex**, **Select** **> X**.

Attribute table - ne_10m_time_zones :: Features total: 120, filtered: 120, selected: 0

		utc_format	time_zone	iso_8601	places	dst_places	tz_name1st	tz_namesum	Vertices
0	-10.00	UTC-10:00	UTC-10:00	2012-05-30T18:...	Arctic Ocean	NULL	NULL	0	210
1	-10.00	UTC-10:00	UTC-10:00	2012-05-30T18:...	United States (Al...	United States (Al...	NULL	0	84
2	-11.00	UTC-11:00	UTC-11:00	2012-05-30T17:...	Arctic Ocean	NULL	NULL	0	183
3	-11.00	UTC-11:00	UTC-11:00	2012-05-30T17:...	American Samoa,...	NULL	NULL	0	142
4	-11.00	UTC-11:00	UTC-11:00	2012-05-30T17:...	American Samoa,...	NULL	Pacific/Midway	1	181
5	-11.00	UTC-11:00	UTC-11:00	2012-05-30T17:...	American Samoa,...	NULL	Pacific/Pago_Pago	2	395
6	-10.00	UTC-10:00	UTC-10:00	2012-05-30T18:...	United States (H...	Most of French P...	Pacific/Honolulu	6	1057
7	-12.00	UTC-12:00	UTC-12:00	2012-05-30T16:...	Southern Ocean	NULL	NULL	0	189
8	-12.00	UTC-12:00	UTC-12:00	2012-05-30T16:...	Siberia	NULL	NULL	0	143
9	-7.00	UTC-07:00	UTC-07:00	2012-05-30T21:...	Canada (northea...	Canada (Alberta)...	America/Denver	14	5037
10	-9.50	UTC-09:30	UTC-09:30	2012-05-30T19:...	Marquesas Islands	NULL	Pacific/Marquesas	1	57
11	-6.00	UTC-06:00	UTC-06:00	2012-05-30T22:...	Canada (almost ...	Canada (Manitob...	America/Chicago	25	2862
12	-5.00	UTC-05:00	UTC-05:00	2012-05-30T23:...	Colombia, Cuba, ...	Canada (most of ...	America/New_York	26	5574
13	-3.50	UTC-03:30	UTC-03:30	2012-05-31T01:...	Canada (island o...	Canada (island o...	America/St_Johns	2	220
14	-4.00	UTC-04:00	UTC-04:00	2012-05-31T00:...	Arctic Ocean	NULL	NULL	0	139
15	-1.00	UTC-01:00	UTC-01:00	2012-05-31T03:...	Greenland (south...	NULL	America/Scoresb...	1	525
16	-4.00	UTC-04:00	UTC-04:00	2012-05-31T00:...	Bolivia, Brazil (A...	Falkland Islands	America/La_Paz	39	9877
17	-2.00	UTC-02:00	UTC-02:00	2012-05-31T02:...	Arctic Ocean	NULL	NULL	0	129
18	-2.00	UTC-02:00	UTC-02:00	2012-05-31T02:...	Brazil (Fernando ...	NULL	Atlantic/South_G...	3	1012
19	-1.00	UTC-01:00	UTC-01:00	2012-05-31T03:...	Portugal (Azores...	NULL	Atlantic/Cape_Ve...	2	1268
20	-8.00	UTC-08:00	UTC-08:00	2012-05-30T20:...	Canada (most of ...	Canada (most of ...	America/Los_Ang...	8	3753
21	-8.00	UTC-08:00	UTC-08:00	2012-05-30T20:...	Arctic Ocean	NULL	NULL	0	318
22	13.00	UTC+13:00	UTC+13:00	2012-05-31T17:...	Kiribati (Phoenix ...	Samoa	Pacific/Enderbury	3	184

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