

Counting Number of Vertices in a Layer

QGIS Tutorials and Tips



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Translations by

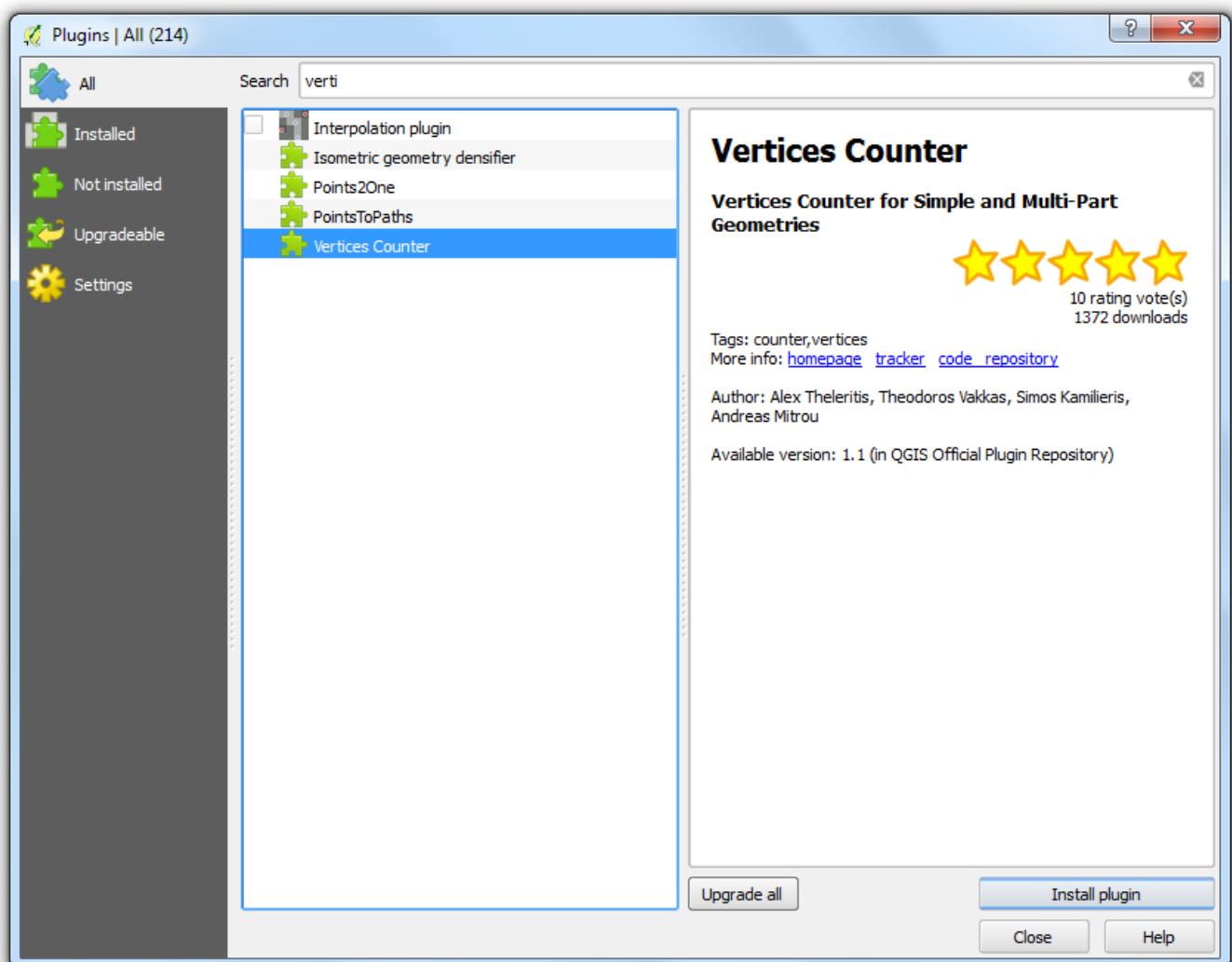
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QGIS is a free and open-source geographic information system (GIS) software. It is designed to run on a wide variety of platforms, including Windows, Linux, and macOS. One of the many plugins available for QGIS is the **Vertices Counter**, which allows users to count the number of vertices in a selected geometry. This plugin is particularly useful for analyzing the complexity of a geometry or for identifying areas with a high density of vertices.



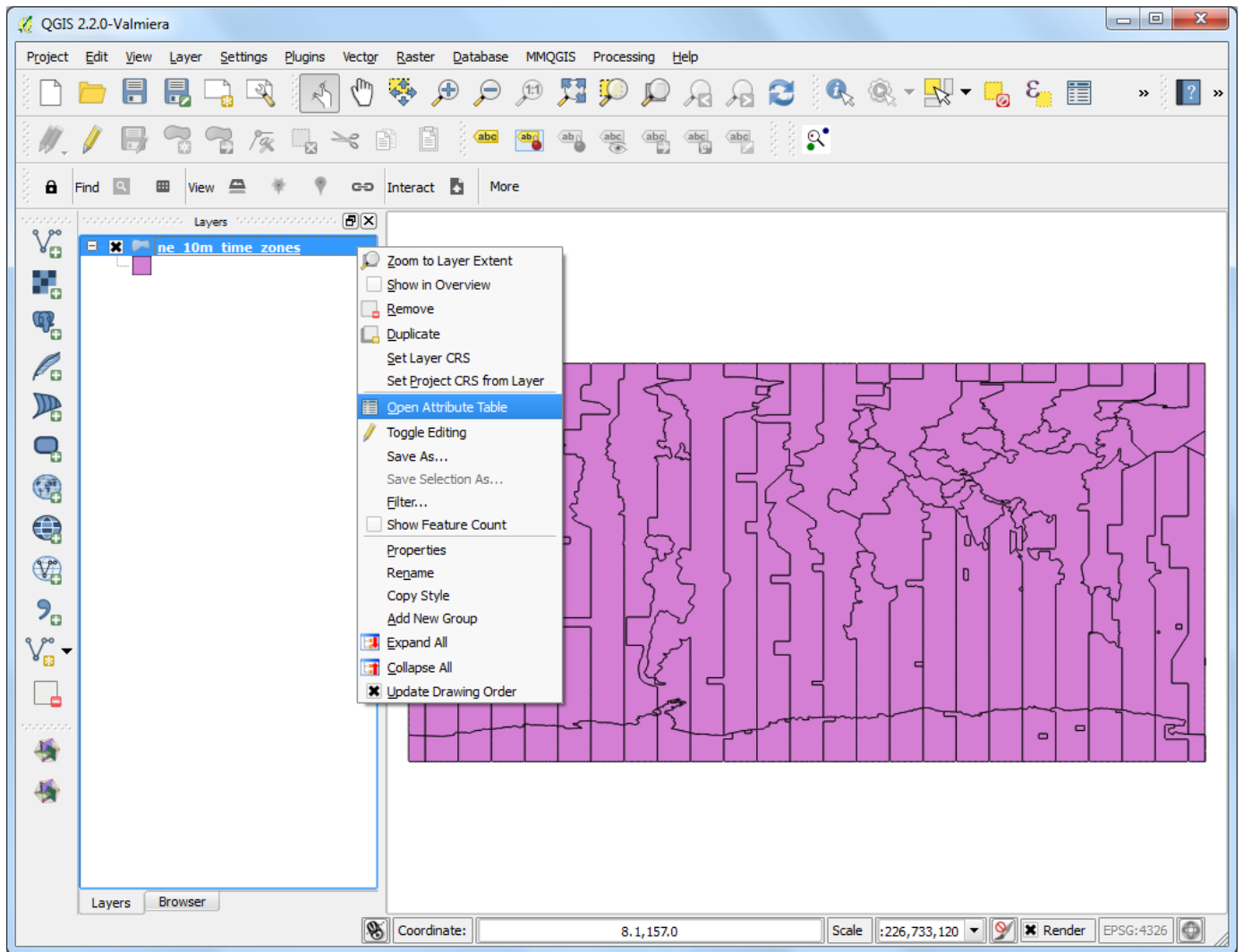
1. To install the **Vertices Counter** plugin in QGIS, follow these steps:
 1. Open the **Plugins** menu in QGIS and select **Install Plugins...**
 2. In the **Plugins** dialog, search for **Vertices Counter** in the search bar.
 3. The search results will show the **Vertices Counter** plugin. Click on it to view the details.
 4. In the **Vertices Counter** details panel, click the **Install plugin** button.



2. After installing the **Vertices Counter** plugin, you can use it to count the vertices in a selected geometry. To do this, select the geometry in the **Layers** panel, then click on the **Vertices Counter** icon in the **Processing** toolbar. The **Vertices Counter** dialog will appear, showing the number of vertices in the selected geometry.



4. **How to use the Vertices Counter plugin in QGIS, and how to export the results to CSV.** *Open* **the following video.**



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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