

Counting Number of Vertices in a Layer

QGIS Tutorials and Tips



Author

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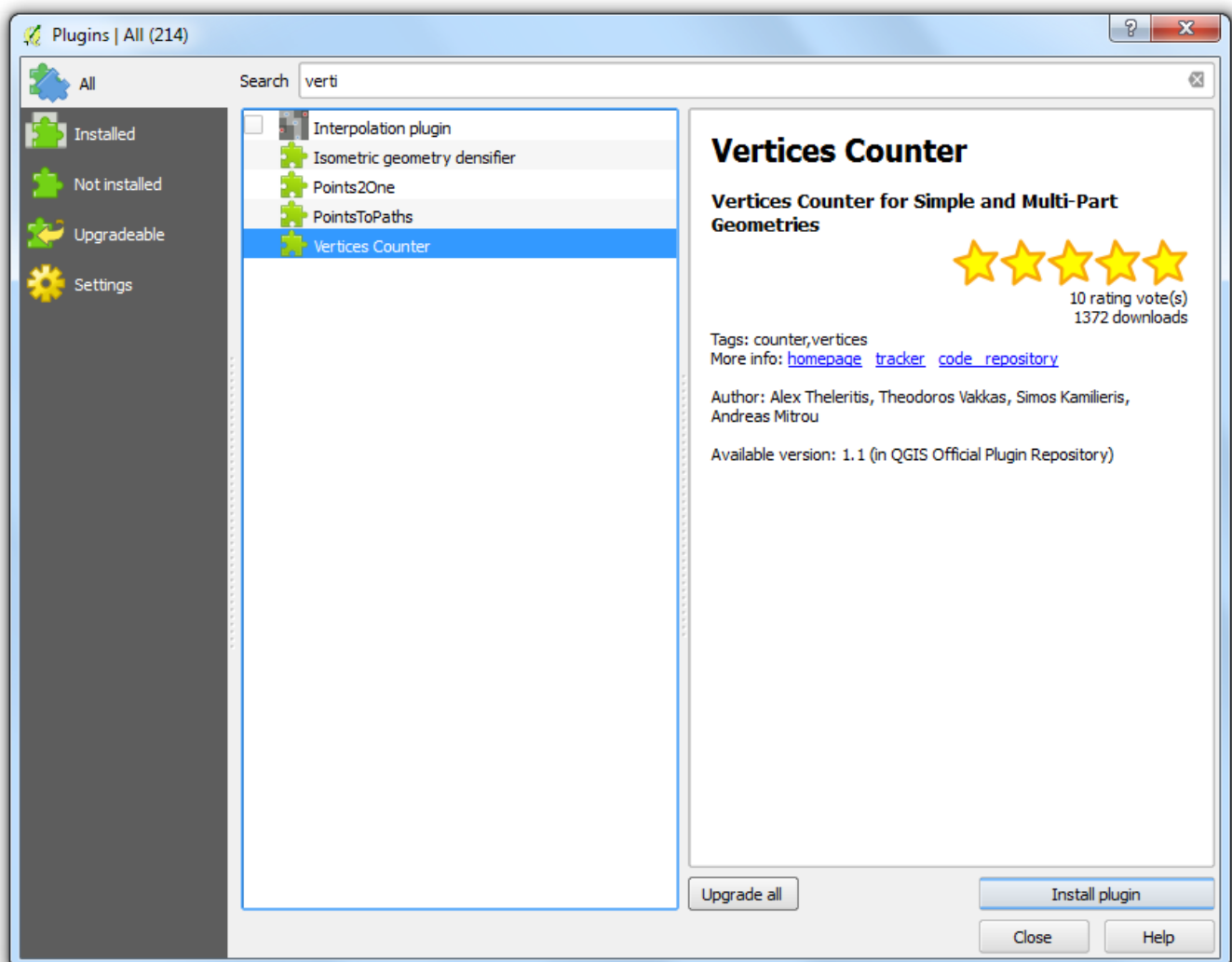
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Translations by

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QGIS is a free and open source geospatial software package. It is a cross-platform desktop GIS application package focused on vector data manipulation. Vertices Counter is a plugin for QGIS that counts the number of vertices in a geometry.

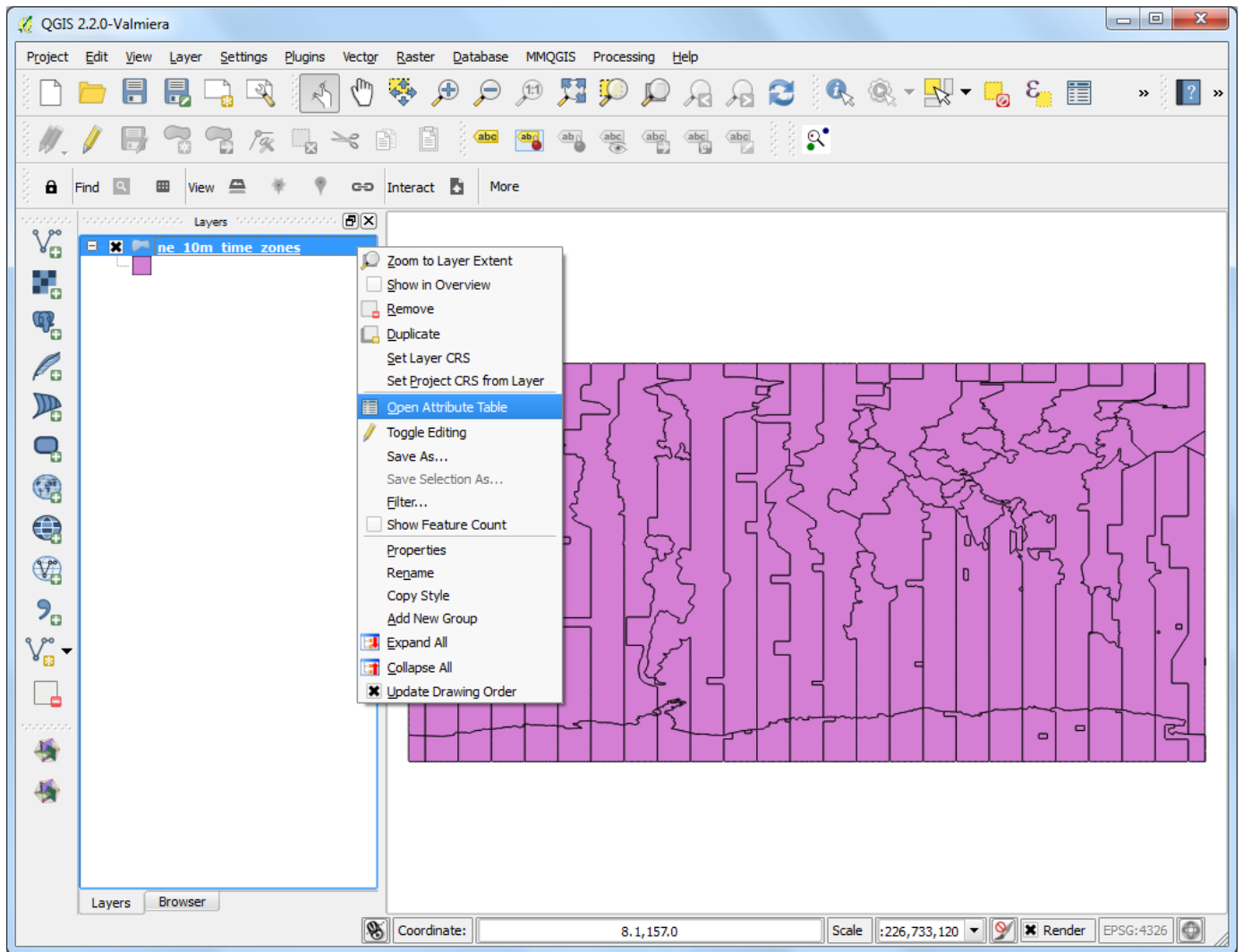
1. The first step is to install the Vertices Counter plugin in QGIS. To do this, you need to go to the Plugins menu and select Manage Plugins... This will open the Plugins dialog box. In the Search field, type 'verti'. The list of plugins will be filtered to show only those that contain the word 'verti'. The Vertices Counter plugin is the first one in the list. Click on it to select it. Then click on the Install button. The plugin will be installed and you will see a message box saying 'Plugin installed successfully'. Click on OK to close the message box.



2. The second step is to use the Vertices Counter plugin. To do this, you need to go to the Vector menu and select Geometry Tools > Vertices Counter. This will open the Vertices Counter dialog box. In the Input field, select the layer you want to count the vertices of. Then click on the Count button. The result will be displayed in the Output field.



4. **Click on the 'Count Vertices' button in the 'Vertices Counter' plugin. The results will be displayed in the 'Results' section of the plugin, showing a table with 7 rows of feature IDs and their corresponding vertex counts. The total number of vertices is 155007.**



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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