

QGIS Application - Bug report #18078

Adding Google Maps with PyQGIS

2018-02-12 06:41 AM - Jadwiga Trojak

Status:	Closed	
Priority:	Normal	
Assignee:		
Category:	PyQGIS Console	
Affected QGIS version:	master	Regression?: No
Operating System:	Windows 7 Professional 64bit	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: invalid
Crashes QGIS or corrupts data:	No	Copied to github as #: 25974
Description		
<p>In QGIS 2.18.16 I'm using the following code (and it works):</p> <pre>import requests service_url = "https://mt1.google.com/vt/lyrs=s&x={x}&y={y}&z={z}" service_uri = "type=xyz&zmin=0&zmax=21&url="+requests.utils.quote(service_url) tms_layer = iface.addRasterLayer(service_uri, "Google Sat", "wms")</pre>		
<p>It doesn't work from QGIS 2.99. I described the issue on https://gis.stackexchange.com/questions/270871/adding-google-maps-with-pyqgis, and xunilk suggested that:</p> <pre>It looks as an unsolved visualization issue in 2.99 QGIS version. Commands run ok at Python Console but tms_layer (effectively loaded as Google_Sat) cannot be visualized. It has extent with these (xmin, xmax, ymin, ymax) parameters -20037508.342789244 20037508.342789244 -20037508.342789255 20037508.34278924.</pre>		

History

#1 - 2018-02-12 12:20 PM - Nyal Dawson

- Resolution set to invalid
- Status changed from Open to Closed

This works for me:

```
import requests
service_url = "mt1.google.com/vt/lyrs=s&x={x}&y={y}&z={z}"
service_uri = "type=xyz&zmin=0&zmax=21&url=https://" + requests.utils.quote(service_url)
tms_layer = iface.addRasterLayer(service_uri, "Google Sat", "wms")
```

The difference is that the 'https://' portion of the url is not passed to requests.utils.quote. Possibly something has changed in that method in Python3 which has changed this behavior.

In any case, not a QGIS issue.