

# QGIS Application - Bug report #18078

## Adding Google Maps with PyQGIS

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

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Category:</b> PyQGIS Console	
<b>Affected QGIS version:</b> master	<b>Regression?:</b> No
<b>Operating System:</b> Windows 7 Professional 64bit	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> invalid
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 25974

### Description

In QGIS 2.18.16 I'm using the following code (and it works):

```
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")
```

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:

```
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.
```

### 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.