

## QGIS Application - Bug report #20302

### XYZ Tiles in TMS convention do not display properly

2018-10-31 07:28 PM - Ken Martin

<b>Status:</b>	Closed	
<b>Priority:</b>	Normal	
<b>Assignee:</b>		
<b>Category:</b>	Web Services clients/XYZ	
<b>Affected QGIS version:</b>	3.4.0	<b>Regression?:</b> No
<b>Operating System:</b>		<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	No	<b>Resolution:</b> worksforme
<b>Crashes QGIS or corrupts data:</b>	No	<b>Copied to github as #:</b> 28123
<b>Description</b>		
<p>I tried to explore this in detail here:</p> <p><a href="https://gis.stackexchange.com/questions/300336/updated-can-tms-convention-xyz-tiles-be-displayed-in-qgis-3-4">https://gis.stackexchange.com/questions/300336/updated-can-tms-convention-xyz-tiles-be-displayed-in-qgis-3-4</a></p> <p>Briefly, TMS-convention tiles have the inverted Y axis as part of their convention. Therefore, I can't get them to display properly in QGIS 3.4 when using a XYZ Tiles layer.</p> <p>I did spend lots of time Googling to discover if I should be doing this in some other way or if this is resolved in some way, but I couldn't find it.</p>		

#### History

##### #1 - 2018-11-01 09:10 AM - Giovanni Manghi

- Category changed from Rasters to Web Services clients/XYZ
- Status changed from Open to Feedback
- Operating System deleted (Mac 10.13)

With the Quick Map Services plugin you can add custom WMS and TMS services. So I think this should become a feature request.

##### #2 - 2018-11-01 03:02 PM - Ken Martin

Giovanni Manghi wrote:

| With the Quick Map Services plugin you can add custom WMS and TMS services. So I think this should become a feature request.

Thanks Giovanni. Do you know if the Quick Map Services plugin will work without having to register tilesets with an external registry? (Some that I have are private and/or in development.)

If this does become a feature request, from my limited perspective I think a simple "select" box in the XYZ Tiles edit window that defaulted to "XYZ" but also offered "TMS" (and perhaps other options, if it makes sense).

##### #3 - 2018-11-01 07:51 PM - Ken Martin

Is there any chance that the XYZ URL does more than just string replacement?

Like, rather than just...

../{z}/{x}/{y}.png

...maybe I could do...

../{z}/{x}/\$({2^z}-y-1}.png

#### #4 - 2018-11-01 08:43 PM - Alessandro Pasotti

{-y} will invert your axis

#### #5 - 2018-11-01 08:46 PM - Alessandro Pasotti

- File *qgis-tms-inverted-axis.png* added

It's documented in the tooltip

#### #6 - 2018-11-01 09:10 PM - Ken Martin

Alessandro, that's AWESOME! I never lingered long enough to even know there was a tool tip.

Thank you! :)

#### #7 - 2018-11-01 09:19 PM - Giovanni Manghi

- Resolution set to *worksforme*

- Status changed from *Feedback* to *Closed*

#### Files

qgis-tms-inverted-axis.png	131 KB	2018-11-01	Alessandro Pasotti
----------------------------	--------	------------	--------------------