

QGIS Application - Bug report #18409

Starting A new project loading osm xyz layer does not zoom to extent, but stays on 0,0 scale 1:1700

2018-03-11 08:27 PM - Richard Duivenvoorde

Status: Open	
Priority: Normal	
Assignee:	
Category: Browser	
Affected QGIS version: 3.1(master)	Regression?: No
Operating System: Debian sid	Easy fix?: No
Pull Request or Patch supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 26298
Description	
<p>Since some days with current 3.1 master if I start a fresh project and load OSM as xyz it will not zoom to 'world', but stays on 0,0 scale 1:1700.</p> <p>Meaning I'm seeing a nice blue screen and I have to either zoom out a couple of times, or use 'Zoom to Layer'. Before I always zoomed to the world extent of osm.</p> <p>To reproduce:</p> <ul style="list-style-type: none">- remove ~/.local/share/QGIS to be sure you have a clean profile- start QGIS (and not it starts in EPSG:4326)- from browser open osm layer from XYZ tiles- see bleu screen as in attached image <p>Note that if you then resize the screen, Remove the osm layer Load the osm layer again: all is fine: you will see the world.</p>	

History

#1 - 2018-03-14 05:51 PM - Richard Duivenvoorde

Note: I use proj5 here (Debian sid with recent proj patch). That could be the problem. I do not see it on Windows/OSGeo4w (using proj4).

Hopefully somebody else using proj5 can test?

Note that my messages are flooded with:

```
2018-03-14T17:51:00 WARNING No QgsCoordinateTransformContext context set for transform
```

and in debug msg in terminal I see:

```
../src/core/raster/qgsrasterlayerrenderer.cpp: 147: (QgsRasterLayerRenderer) [0ms] myProjectedLayerExtent is
-20037508.3427892439067364,-20037508.3427892550826073 : 20037508.3427892439067364,20037508.3427892439067364
../src/core/geometry/qgsrectangle.cpp: 350: (toString) [0ms] Extents : -567.0000000000000000,-492.7800534283170464 :
-189.0000000000000000,-164.2600178094390344
../src/core/raster/qgsrasterlayerrenderer.cpp: 148: (QgsRasterLayerRenderer) [0ms] myRasterExtent is
-567.0000000000000000,-492.7800534283170464 : -189.0000000000000000,-164.2600178094390344
../src/core/raster/qgsrasterlayerrenderer.cpp: 205: (QgsRasterLayerRenderer) [0ms] mapUnitsPerPixel = 0.336598
../src/core/raster/qgsrasterlayerrenderer.cpp: 206: (QgsRasterLayerRenderer) [0ms] mWidth = 0
../src/core/raster/qgsrasterlayerrenderer.cpp: 207: (QgsRasterLayerRenderer) [0ms] mHeight = 0
```

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../src/core/raster/qgsrasterlayerrenderer.cpp: 208: (QgsRasterLayerRenderer) [0ms] myRasterExtent.xMinimum() = -567
../src/core/raster/qgsrasterlayerrenderer.cpp: 209: (QgsRasterLayerRenderer) [0ms] myRasterExtent.xMaximum() = -189
../src/core/raster/qgsrasterlayerrenderer.cpp: 210: (QgsRasterLayerRenderer) [0ms] myRasterExtent.yMinimum() = -492.78
../src/core/raster/qgsrasterlayerrenderer.cpp: 211: (QgsRasterLayerRenderer) [0ms] myRasterExtent.yMaximum() = -164.26
../src/core/raster/qgsrasterlayerrenderer.cpp: 213: (QgsRasterLayerRenderer) [0ms] mTopLeftPoint.x() = 0
../src/core/raster/qgsrasterlayerrenderer.cpp: 214: (QgsRasterLayerRenderer) [0ms] mBottomRightPoint.x() = 1123
../src/core/raster/qgsrasterlayerrenderer.cpp: 215: (QgsRasterLayerRenderer) [0ms] mTopLeftPoint.y() = 0
../src/core/raster/qgsrasterlayerrenderer.cpp: 216: (QgsRasterLayerRenderer) [0ms] mBottomRightPoint.y() = 976
../src/core/raster/qgsrasterlayerrenderer.cpp: 218: (QgsRasterLayerRenderer) [0ms] mWidth = 1123
../src/core/raster/qgsrasterlayerrenderer.cpp: 219: (QgsRasterLayerRenderer) [0ms] mHeight = 976
../src/providers/wms/qgswmsprovider.cpp: 108: (QgsWmsProvider) [0ms] constructing with uri
'type=xyz&url=https://mt1.google.com/vt/lyrs%3Ds%26x%3D%7Bx%7D%26y%3D%7By%7D%26z%3D%7Bz%7D&zmax=18&zmin=0'.
../src/providers/wms/qgswmscapabilities.cpp: 40: (parseUri) [0ms] uriString =
type=xyz&url=https://mt1.google.com/vt/lyrs%3Ds%26x%3D%7Bx%7D%26y%3D%7By%7D%26z%3D%7Bz%7D&zmax=18&zmin=0
../src/providers/wms/qgswmsprovider.cpp: 313: (addLayers) [0ms] Entering: layers:xyz, styles:xyz
../src/providers/wms/qgswmsprovider.cpp: 325: (addLayers) [0ms] set visibility of layer 'xyz' to true.
../src/providers/wms/qgswmsprovider.cpp: 334: (addLayers) [0ms] Exiting.
Warning: No QgsCoordinateTransformContext context set for transform
Stacktrace (piped through c++filt):
/home/richard/bin/qgis/master/debug/bin/qgis(+0xc5c5)[0x5625f59975c5]
/home/richard/bin/qgis/master/debug/bin/qgis(+0xca3c)[0x5625f5997a3c]
/lib/x86_64-linux-gnu/libQt5Core.so.5(+0x955da)[0x7fb5be83a5da]
/lib/x86_64-linux-gnu/libQt5Core.so.5(QMessageLogger::warning(char const*, ...) const+0xae)[0x7fb5be83b3ae]
/home/richard/bin/qgis/master/debug/lib/libqgis_core.so.3.1.0(QgsCoordinateTransform::transformCoords(int, double*, double*, double*,
QgsCoordinateTransform::TransformDirection) const+0x34d)[0x7fb5c8376909]
/home/richard/bin/qgis/master/debug/lib/libqgis_core.so.3.1.0(QgsCoordinateTransform::transform(QgsPointXY const&,
QgsCoordinateTransform::TransformDirection) const+0xc4)[0x7fb5c8374c9a]

```

#2 - 2018-03-14 08:46 PM - Salvatore Larosa

Unfortunately, I still cannot test it on Mac as proj5 formula generates a build error. I will do as soon as the build error goes away.

#3 - 2018-03-15 07:28 PM - Borys Jurgiel

I can confirm on Debian Buster (today it got the 5.0.0-3 patch from experimental; not tested with older proj).

Files

-Untitled Project - QGIS 30749ef80c_339.png	87.6 KB	2018-03-11	Richard Duivenvoorde
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