

# QGIS Application - Bug report #13986

## Server segfaults when requesting certain GetLegendGraphics without bbox

2015-12-14 09:21 AM - Tom Palan

<b>Status:</b> Closed	
<b>Priority:</b> High	
<b>Assignee:</b> Stéphane Brunner	
<b>Category:</b> QGIS Server	
<b>Affected QGIS version:</b> 2.18.4	<b>Regression?:</b> No
<b>Operating System:</b> Ubuntu	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b> No	<b>Resolution:</b> no timely feedback
<b>Crashes QGIS or corrupts data:</b> Yes	<b>Copied to github as #:</b> 22000

### Description

QGIS server segfaults (500 Internal Server Error) with a specific layer style and the GetLegendGraphics request does not include a BBOX parameter.

System: Ubuntu Wily 64 bit, QGIS Server from official repository, Version 2.12

See attached project. When the QGIS Webclient is first opened, the legend-graphics on the right side (if enabled in Customizations.js) are rendered correctly. If you move or zoom, the legend graphic symbol for the bad layer is replaced with an "image not found" symbol.

The only difference in the requests before and after is the missing BBOX parameter on first load:

Good request:

[http://gis.local.at/cgi-bin/qgis\\_mapserv.fcgi?map=/home/tom/error/error\\_legend\\_graphic.qgs&SERVICE=WMS&VERSION=1.3.0&REQUEST=GetLegendGraphics&FORMAT=image%2Fpng&EXCEPTIONS=application%2Fvnd.ogc.se\\_inimage&BOXSPACE=1&LAYERSPACE=2&SYMBOLSPACE=1&SYMBOLHEIGHT=2&LAYERFONTSIZE=8&ITEMFONTSIZE=8&LAYERTITLE=FALSE&LAYERFONTCOLOR=%23FFFFFF&LAYERTITLESPACE=0&TRANSPARENT=true&LAYERS=LayerWithErrorLegendGraphic&DPI=96](http://gis.local.at/cgi-bin/qgis_mapserv.fcgi?map=/home/tom/error/error_legend_graphic.qgs&SERVICE=WMS&VERSION=1.3.0&REQUEST=GetLegendGraphics&FORMAT=image%2Fpng&EXCEPTIONS=application%2Fvnd.ogc.se_inimage&BOXSPACE=1&LAYERSPACE=2&SYMBOLSPACE=1&SYMBOLHEIGHT=2&LAYERFONTSIZE=8&ITEMFONTSIZE=8&LAYERTITLE=FALSE&LAYERFONTCOLOR=%23FFFFFF&LAYERTITLESPACE=0&TRANSPARENT=true&LAYERS=LayerWithErrorLegendGraphic&DPI=96)

Bad request:

[http://gis.local.at/cgi-bin/qgis\\_mapserv.fcgi?map=/home/tom/error/error\\_legend\\_graphic.qgs&SERVICE=WMS&VERSION=1.3.0&REQUEST=GetLegendGraphics&FORMAT=image%2Fpng&EXCEPTIONS=application%2Fvnd.ogc.se\\_inimage&BOXSPACE=1&LAYERSPACE=2&SYMBOLSPACE=1&SYMBOLHEIGHT=2&LAYERFONTSIZE=8&ITEMFONTSIZE=8&LAYERTITLE=FALSE&LAYERFONTCOLOR=%23FFFFFF&LAYERTITLESPACE=0&TRANSPARENT=true&LAYERS=LayerWithErrorLegendGraphic&DPI=96&BBOX=1496292.188517,6104920.852403,1497818.540426,6106451.981626](http://gis.local.at/cgi-bin/qgis_mapserv.fcgi?map=/home/tom/error/error_legend_graphic.qgs&SERVICE=WMS&VERSION=1.3.0&REQUEST=GetLegendGraphics&FORMAT=image%2Fpng&EXCEPTIONS=application%2Fvnd.ogc.se_inimage&BOXSPACE=1&LAYERSPACE=2&SYMBOLSPACE=1&SYMBOLHEIGHT=2&LAYERFONTSIZE=8&ITEMFONTSIZE=8&LAYERTITLE=FALSE&LAYERFONTCOLOR=%23FFFFFF&LAYERTITLESPACE=0&TRANSPARENT=true&LAYERS=LayerWithErrorLegendGraphic&DPI=96&BBOX=1496292.188517,6104920.852403,1497818.540426,6106451.981626)

I have a test environment set up if somebody needs further testing.

### History

#### #1 - 2016-06-10 01:05 AM - Yves Jacolin

In a similar form, I get a seg fault with GetFeatureInfo in WMS if some parameters are missing (I/J) or misswriting. QGIS server should ignore unknown parameter or send an error message in a XML standard response about missing parameter.

We (Camptocamp) will probably work on this at the next hackfest in Bonn.

#### #2 - 2016-06-10 01:23 AM - Yves Jacolin

Is it something similar to #11552

**#3 - 2016-06-10 03:57 AM - Yves Jacolin**

- Assignee set to *Stéphane Brunner*

**#4 - 2017-02-04 02:50 AM - Giovanni Manghi**

- Priority changed from *Normal* to *High*

**#5 - 2017-03-07 07:18 AM - Giovanni Manghi**

- Affected QGIS version changed from *2.12.0* to *2.18.4*

- OS version changed from *15.04* to *16.04*

- Target version set to *Version 2.18*

Seems still the case on 2.18.4 and Ubuntu 16.04

**#6 - 2017-05-01 01:06 AM - Giovanni Manghi**

- Easy fix? set to *No*

- Regression? set to *No*

**#7 - 2018-10-19 01:16 PM - Paul Blottiere**

- Description updated

I tried to reproduce this issue with the current master branch (3.X), but without success. So it seems specific to QGIS 2.18.

**#8 - 2018-10-19 02:21 PM - Giovanni Manghi**

- Status changed from *Open* to *Feedback*

**#9 - 2019-02-23 08:36 PM - Jürgen Fischer**

- Status changed from *Feedback* to *Closed*

- Resolution set to *no timely feedback*

Bulk closing 82 tickets in feedback state for more than 90 days affecting an old version. Feel free to reopen if it still applies to a current version and you have more information that clarify the issue.

**Files**

---

legend_graphic_project.zip	29 KB	2015-12-14	Tom Palan
----------------------------	-------	------------	-----------