

QGIS Application - Bug report #10470

QGIS-Server wrong legend generation if scale parameter is present

2014-06-05 05:15 AM - aperi2007 -

Status:	Closed	
Priority:	Severe/Regression	
Assignee:	Marco Hugentobler	
Category:	QGIS Server	
Affected QGIS version:	master	Regression?: No
Operating System:	unspecified	Easy fix?: No
Pull Request or Patch supplied:		Resolution: fixed/implemented
Crashes QGIS or corrupts data:		Copied to github as #: 18882
Description		
Hi, I'm testing the qgis-server from trunk version. I see that the legend graphics return from a GetLegendGraphics request if truncate if there the scale parameter. some samples: thsi is is with scale parameter: http://www502.regione.toscana.it/geoscopio_qg/cgi-bin/qgis_mapserv?map=continuum_geologico_rt.qgs&SERVICE=WMS&request=GetLegendGraphic&version=1.1.1&format=image/png&sld_version=1.1.0&width=23&height=15&layer=frane&frane&style=default&legend_options=fontName:Verdana;fontSize:10&scale=7927.372584308516 And this is the same without the scale parameter. http://www502.regione.toscana.it/geoscopio_qg/cgi-bin/qgis_mapserv?map=continuum_geologico_rt.qgs&SERVICE=WMS&request=GetLegendGraphic&version=1.1.1&format=image/png&sld_version=1.1.0&width=23&height=15&layer=frane&frane&style=default&legend_options=fontName:Verdana;fontSize:10&scale=7927.372584308516 Regards, Andrea.		

History

#1 - 2014-06-05 05:21 AM - aperi2007 -

oops, the second was always with scale parameter.

this is really without scale parameter:

www502.regione.toscana.it/geoscopio_qg/cgi-bin/qgis_mapserv?map=continuum_geologico_rt.qgs&SERVICE=WMS&request=GetLegendGraphic&version=1.1.1&format=image/png&sld_version=1.1.0&width=23&height=15&layer=frane&style=default&legend_options=fontName:Verdana;fontSize:10

#2 - 2014-06-05 05:22 AM - Giovanni Manghi

- Category set to QGIS Server

- Affected QGIS version changed from 2.2.0 to master

why blocker? it used to work in previous qgis releases?

#3 - 2014-06-06 08:11 AM - Marco Hugentobler

- Assignee set to Marco Hugentobler

#4 - 2014-06-06 09:00 AM - aperi2007 -

I confirm it was also on QGIS 2.2 ,
but now is more badly.

Infact This is a sample from qgis-server 2.2:

QGIS 2.2 With scale parameter:

http://www502.regione.toscana.it/wmsraster2/qgis/wms?map=/maps/zz_contgeo.qgs&SERVICE=WMS&request=GetLegendGraphic&version=1.1.1&format=image/png&sld_version=1.1.0&width=23&height=15&layer=franacart&style=default&legend_options=fontName:Verdana;fontSize:10&scale=7927.372584308516

QGIS 2.2 without the scale parameter:

http://www502.regione.toscana.it/wmsraster2/qgis/wms?map=/maps/zz_contgeo.qgs&SERVICE=WMS&request=GetLegendGraphic&version=1.1.1&format=image/png&sld_version=1.1.0&width=23&height=15&layer=franacart&style=default&legend_options=fontName:Verdana;fontSize:10

As yiu can see it break on the last domain.

So the user can effectively see something , and all doamins are more or less visible.

INSTEAD

in qgis 2.4 this is the situation:

QGIS 2.4 with scale parameter:

http://www502.regione.toscana.it/geoscopio_qg/cgi-bin/qgis_mapserv?map=continuum_geologico_rt.qgs&SERVICE=WMS&request=GetLegendGraphic&version=1.1.1&format=image/png&sld_version=1.1.0&width=23&height=15&layer=frane&style=default&legend_options=fontName:Verdana;fontSize:10&scale=7927.372584308516

QGIS 2.4 without the scale parameter:

http://www502.regione.toscana.it/geoscopio_qg/cgi-bin/qgis_mapserv?map=continuum_geologico_rt.qgs&SERVICE=WMS&request=GetLegendGraphic&version=1.1.1&format=image/png&sld_version=1.1.0&width=23&height=15&layer=frane&style=default&legend_options=fontName:Verdana;fontSize:10

As you can see on QGIS 2.4 it lost fully two domains and a third is half.

So the QGIS 2.4 situation is worst than QGIS 2.2.

guess the Legend readability is an important question for a GIS system.

And I guess this is a worst question.

Of course this is only my opinion.

But effectively this is not a blocking question because as a workaround,

I could add two fake domains to be the last two values and invisibles (all white) to enlarge the image and retrieve so the two lost.

:)

Regards,

Andrea.

#5 - 2014-06-12 07:34 AM - Marco Hugentobler

- Status changed from Open to Feedback

What is the style of the layer (rule based renderer?), could you attach a .qml file?

#6 - 2014-06-12 08:45 AM - aperi2007 -

Is a categorized rendering.

The QML of that image is quite complex because has a dual level rendering for every domains and with a point pattern inside using SVGs. and also a data-definition use for rotation of patterns and also an expression controlled color border.

I will try to test and reproduce the bug on a more simple qml.

#7 - 2014-06-12 08:57 AM - aperi2007 -

- File *depositisuperficiali.zip* added

Hi.

I confirm the problem is also with more simple qml.

This as example:

With the scale parameter the last domains are lost.

http://www502.regione.toscana.it/geoscopio_qg/cgi-bin/qgis_mapserv?map=continuum_geologico_rt.qgs&SERVICE=WMS&request=GetLegendGraphic&version=1.1.1&format=image/png&sld_version=1.1.0&width=23&height=15&layer=depositisuperficiali&style=default&ult&legend_options=fontName:Verdana;fontSize:10&scale=7927.372584308516

The qmls of this legend map is more simple than other and I can share the QML.

I attach it to this thread.

Regards,

Andrea.

#8 - 2014-06-12 09:15 AM - Marco Hugentobler

Ok, I imported the qml to my simple test project (layer does not match, but it does not matter for LegendGraphic). Issuing the example request (only map and layer params replaced), I get the full legend with and without scale parameter.

I've committed a fix for a crash about an hour ago. Are you also working with that version (d8a0361febf6a52cd47bfca8f753afbf2d0bd153) ? Though I cannot see how that fix would have any influence on the size of the generated image...

#9 - 2014-06-12 10:00 AM - aperi2007 -

ok,

Yes I confirm.

I have update the server to the last updates truk and the ussue is disappeared.

Thx Marco,

A.

#10 - 2014-06-12 10:02 AM - Giovanni Manghi

- Resolution set to fixed/implemented
- Status changed from Feedback to Closed

Files

depositisuperficiali.zip	3.94 KB	2014-06-12	aperi2007 -
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