

QGIS Application - Bug report #7894

QGIS Server - GetPrint request does not respect text boxes size and position if dynamic content passed

2013-05-24 06:19 AM - Michael Douchin

Status: Closed	
Priority: Normal	
Assignee: René-Luc ReLuc	
Category: QGIS Server	
Affected QGIS version: master	Regression?: No
Operating System:	Easy fix?: No
Pull Request or Patch supplied:	Resolution:
Crashes QGIS or corrupts data:	Copied to github as #: 16767
Description	
<p>I have set up a simple composer in QGIS (last master, compiled this morning). See attached picture qgis_composer.png</p> <p>When I export in PDF from QGIS desktop composer, I get the attached pdf qgis_pdf</p> <p>When I ran the request [1] which is the getprint (proxy done by LizMap-Web-Client to hide the map parameter), I get the attached pdf getprint_pdf Basically I added the parameter truc=MY FOO TITLE BOLD)</p> <p>When I ran the same request but with a longer "truc" parameter, like &truc=MY FOO TITLE BOLD<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Quisque luctus adipiscing fringilla. Fusce eget justo tellus. Maecenas dolor augue, sollicitudin at iaculis et, congue et metus. Aenean tincidunt ipsum sit amet ipsum ornare fermentum. Proin fringilla laoreet hendrerit. Curabitur dui urna, interdum tempus blandit eu,</p></p> <p>I get the attached PDF getprint_long_pdf.pdf</p> <p>So it appears that the dynamic replacement via the GetPrint request does not respect the position and size of my "truc" text box, whereas the desktop composer does.</p> <p>Or this is a problem with word wrapping perhaps ?</p> <p>[1] http://localhost/LIZMAP/lizmap-web-client/lizmap/www/index.php/lizmap/service/?repository=dev&#38;project=dev_print&#38;SERVICE=WMS&#38;VERSION=1.3&#38;REQUEST=GetPrint&#38;FORMAT=pdf&#38;EXCEPTIONS=application/vnd.ogc.se_inimage&#38;TRANSPARENT=true&#38;SRS=EPSG:3857&#38;DPI=300&#38;TEMPLATE=lizmap&#38;map0:extent=423524.8086443924,5400434.830480828,30480828,431474.979630755,5410235.04125647&#38;map0:rotation=0&#38;map0:scale=49999.99999999999&#38;LAYERS=commune&#38;une&#38;truc=MY%20FOO%20TITLE%20%3Cb%3EBOLD%3C/b%3E</p>	

History

#1 - 2013-05-27 06:37 AM - Michael Douchin

- File dev_print.qgs added

- File polygons.geojson added

Some more description added to be able to reproduce the problem.

Since QWebKit requires a running x-server to be able to render HTML, QGIS composers using HTML blocks or text block rendered as html will make QGIS Server segfault.

As advised by Marco Hugentobler and Tim Sutton in the thread [1], I describe here the workaroud :

- Create a fake X server

```
Xvfb :99 -ac -noreset &
```

- Add the option in the fastcgi , for example

```
FastCgiConfig -idle-timeout 70 -maxClassProcesses 50 -minProcesses 3  
-init-start-delay 3 -restart-delay 20 -startDelay 15 -initial-env  
DISPLAY=:99
```

- Restart Apache

```
service apache2 restart
```

I also attached a sample project and relative data

[1] <http://lists.osgeo.org/pipermail/qgis-developer/2013-May/026228.html>

#2 - 2013-05-27 01:12 PM - René-Luc ReLuc

I have found the code, src/mapserver/qgsconfigparser.cpp:530

```
//replace label text  
foreach ( QgsComposerLabel *currentLabel, composerLabels )  
{  
    QString title = parameterMap.value( currentLabel->id().toUpper() );  
  
    if ( title.isEmpty() )  
    {  
        //remove exported labels not referenced in the request  
        if ( !currentLabel->id().isEmpty() )  
        {  
            c->removeItem( currentLabel );  
            delete currentLabel;  
        }  
        continue;  
    }  
  
    currentLabel->setText( title );  
    currentLabel->adjustSizeToText();  
}
```

At the end for each label the size is adjusted to the text, but now every label is HTML.

Other question, why removed label if it was not in parameters ?

#3 - 2013-06-03 12:03 PM - René-Luc ReLuc

- % Done changed from 0 to 100
- Assignee changed from Marco Hugentobler to René-Luc ReLuc
- Status changed from Open to Closed

Update with the commit fe883246707644df37a0960fba57250226b8f001

Files

qgis_composer.png	145 KB	2013-05-24	Michael Douchin
qgis_pdf.pdf	11.8 KB	2013-05-24	Michael Douchin
getprint_pdf.pdf	11.7 KB	2013-05-24	Michael Douchin
getprint_long_pdf.pdf	11.7 KB	2013-05-24	Michael Douchin
polygons.geojson	1.38 KB	2013-05-27	Michael Douchin
dev_print.qgs	13.5 KB	2013-05-27	Michael Douchin