

# QGIS Application - Bug report #1434

## GRASS user's map WMS crashes QGIS

2008-11-27 12:20 PM - Maciej Sieczka -

<b>Status:</b> Closed	
<b>Priority:</b> Low	
<b>Assignee:</b> nobody -	
<b>Category:</b> Web Services clients/WMS	
<b>Affected QGIS version:</b>	<b>Regression?:</b> No
<b>Operating System:</b> All	<b>Easy fix?:</b> No
<b>Pull Request or Patch supplied:</b>	<b>Resolution:</b> fixed
<b>Crashes QGIS or corrupts data:</b>	<b>Copied to github as #:</b> 11494

### Description

Crash viewing GRASS users WMS map

<http://mapserver.gdf-hannover.de/cgi-bin/grassuserwms?REQUEST=GetCapabilities&#38;SERVICE=WMS&#38;VERSION=1.0.0> :

Program received signal SIGSEGV, Segmentation fault.

[Switching to Thread 0x7f7626414710 (LWP 22557)]

0x0000000004b6186 in QString (this=0x7fff2e54e300, other=@0x0) at /usr/include/qt4/QtCore/qstring.h:670

670 inline QString::QString(const QString &other) : d(other.d)

(gdb) bt

#0 0x0000000004b6186 in QString (this=0x7fff2e54e300, other=@0x0) at /usr/include/qt4/QtCore/qstring.h:670

#3905 0x00007f76106514c4 in [[QgsWmsProvider]]::draw (this=0x2078920, viewExtent=@0x7fff2e54e6a0, pixelWidth=870, pixelHeight=435)

at /home/shoofi/src/straight/qgis-trunk/src/providers/wms/qgswmsprovider.cpp:382

#3906 0x00007f7625da62ec in [[QgsRasterLayer]]::draw (this=0x2055260, rendererContext=@0x143f8b8) at

/home/shoofi/src/straight/qgis-trunk/src/core/raster/qgsrasterlayer.cpp:1483

#3907 0x00007f7625cf8092 in [[QgsMapRenderer]]::render (this=0x143f820, painter=0x7fff2e54f3a0) at

/home/shoofi/src/straight/qgis-trunk/src/core/qgsmaprenderer.cpp:340

#3908 0x00007f76260f7029 in [[QgsMapCanvasMap]]::render (this=0x14490e0) at

/home/shoofi/src/straight/qgis-trunk/src/gui/qgsmapcanvasmap.cpp:84

#3909 0x00007f76260f1c52 in [[QgsMapCanvas]]::refresh (this=0x14e39c0) at

/home/shoofi/src/straight/qgis-trunk/src/gui/qgsmapcanvas.cpp:365

#3910 0x0000000004b9b81 in [[QgisApp]]::addRasterLayer (this=0x1388bd0, rasterLayerPath=@0x7fff2e54f850, baseName=@0x7fff2e54f840, providerKey=@0x7fff2e54f830,

layers=@0x7fff2e54f820, styles=@0x7fff2e54f810, format=@0x7fff2e54f800, crs=@0x7fff2e54f7f0) at

/home/shoofi/src/straight/qgis-trunk/src/app/qgisapp.cpp:5228

#3911 0x0000000004c4005 in [[QgisApp]]::addWmsLayer (this=0x1388bd0) at

/home/shoofi/src/straight/qgis-trunk/src/app/qgisapp.cpp:2275

#3912 0x00000000069bf94 in [[QgisApp]]::qt\_metacall (this=0x1388bd0, \_c=QMetaObject::InvokeMetaMethod, \_id=88, \_a=0x7fff2e54fa40)

at /home/shoofi/src/straight/qgis-trunk/build/src/app/moc\_qgisapp.cxx:330

#3913 0x00007f76258f06d4 in QMetaObject::activate () from /usr/lib/libQtCore.so.4

#10 0x00007f7624dfad77 in QAction::triggered () from /usr/lib/libQtGui.so.4

#3914 0x00007f7624dfb540 in QAction::activate () from /usr/lib/libQtGui.so.4

#3915 0x00007f762510bcca in ?? () from /usr/lib/libQtGui.so.4

#3916 0x00007f762510bf65 in QAbstractButton::mousePressEvent () from /usr/lib/libQtGui.so.4

#3917 0x00007f76251d374a in QToolButton::mousePressEvent () from /usr/lib/libQtGui.so.4

#3918 0x00007f7624e53139 in QWidget::event () from /usr/lib/libQtGui.so.4

#3919 0x00007f7624e00a5d in QApplicationPrivate::notify\_helper () from /usr/lib/libQtGui.so.4

#3920 0x00007f7624e0904a in QApplication::notify () from /usr/lib/libQtGui.so.4

#3921 0x00007f7625cac70e in [[QgisApplication]]::notify (this=0x7fff2e5512b0, receiver=0x13cb350, event=0x7fff2e5503d0)

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at /home/shoofi/src/straight/qgis-trunk/src/core/qgsapplication.cpp:78
#3922 0x00007f76258dc381 in QApplication::notifyInternal () from /usr/lib/libQtCore.so.4
#3923 0x00007f7624e083e8 in QApplicationPrivate::sendMouseEvent () from /usr/lib/libQtGui.so.4
#3924 0x00007f7624e6c909 in ?? () from /usr/lib/libQtGui.so.4
#3925 0x00007f7624e6b7ff in QApplication::x11ProcessEvent () from /usr/lib/libQtGui.so.4
#3926 0x00007f7624e92c84 in ?? () from /usr/lib/libQtGui.so.4
#3927 0x00007f762173f78b in g_main_context_dispatch () from /usr/lib/libglib-2.0.so.0
#3928 0x00007f7621742f5d in ?? () from /usr/lib/libglib-2.0.so.0
#3929 0x00007f762174311b in g_main_context_iteration () from /usr/lib/libglib-2.0.so.0
#3930 0x00007f762590470f in QEventDispatcherGlib::processEvents () from /usr/lib/libQtCore.so.4
#3931 0x00007f7624e9244f in ?? () from /usr/lib/libQtGui.so.4
#3932 0x00007f76258daca2 in QEventLoop::processEvents () from /usr/lib/libQtCore.so.4
#3933 0x00007f76258dae2d in QEventLoop::exec () from /usr/lib/libQtCore.so.4
#3934 0x00007f76258dd2dd in QApplication::exec () from /usr/lib/libQtCore.so.4
#3935 0x00000000004b5599 in main (argc=1, argv=0x7fff2e5519a8) at
/home/shoofi/src/straight/qgis-trunk/src/app/main.cpp:683
(gdb)
```

Debian testing amd64, SVN r9173.

## History

### #1 - 2008-12-04 11:48 PM - Marco Hugentobler

This WMS works for me (tested with commit:44a2e730 (SVN r9743)). Could you test again and close if the problem has gone? If not, did you select any special option? I used png output and WGS84 crs.

Marco

### #2 - 2008-12-05 09:12 AM - Maciej Sieczka -

Replying to [comment:1 mhugent]:

*This WMS works for me (tested with commit:44a2e730 (SVN r9743)). Could you test again and close if the problem has gone?*

Still crashes on me as of .

*If not, did you select any special option? I used png output and WGS84 crs.*

I cannot select any "Image encoding" for this WMS - the dialog is empty (screendump attached wms\_grass.png). Unlike for other WMS's, e.g. NASA Blue Marble <http://wms.jpl.nasa.gov/wms.cgi?request=GetCapabilities> (screendump wms\_marble.png).

### #3 - 2008-12-05 09:32 AM - Borys Jurgiel

It crashes at mine too (rev 9743 @ Ubuntu 8.04), however after removing the redundant request works fine:

<http://mapserver.gdf-hannover.de/cgi-bin/grassuserwms>

Maybe qgis should parse the url and reject/simplify it if something unneeded is added?

**#4 - 2008-12-07 06:34 AM - Marco Hugentobler**

- Resolution set to fixed
- Status changed from Open to Closed

Ah, you entered the whole capabilities request instead the URL? The URL is only:

<http://mapserver.gdf-hannover.de/cgi-bin/grassuserwms>

Nevertheless, QGIS shouldn't crash. The problem is not the redundant REQUEST and SERVICE parameters, it is the VERSION=1.0.0 Parameter. QGIS currently only supports 1.1, 1.1.1 and 1.3. 1.0 has a slightly different capabilities response.

In commit:7bf27ff2 (SVN r9752), there is a fix that QGIS does not crash and give an error message instead.

**#5 - 2008-12-07 11:20 AM - Maciej Sieczka -**

- Resolution deleted (fixed)
- Status changed from Closed to Feedback

Replying to [comment:4 mhugent]:

*Ah, you entered the whole capabilities request instead the URL? The URL is only:*

*<http://mapserver.gdf-hannover.de/cgi-bin/grassuserwms>*

Thanks for correcting me. But I guess the whole capabilities request URL used to work few weeks ago with SVN trunk QGIS. Possible?

*Nevertheless, QGIS shouldn't crash. The problem is not the redundant REQUEST and SERVICE parameters, it is the VERSION=1.0.0 Parameter. QGIS currently only supports 1.1, 1.1.1 and 1.3. 1.0 has a slightly different capabilities response.*

*In commit:7bf27ff2 (SVN r9752), there is a fix that QGIS does not crash and give an error message instead.*

Well if the URL I used is invalid, QGIS should issue the error message when I click 'Connect' button and not provide a crippled WMS layers list at all, like it currently does.

**#6 - 2008-12-12 08:05 AM - Marco Hugentobler**

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

*Thanks for correcting me. But I guess the whole capabilities request URL used to >work few weeks ago with SVN trunk QGIS. Possible?*

Yes, this is because the WMS provider takes the URL now from the capabilities response. This was a bugfix to support WMS servers that have different urls for [[GetCapabilities]] and [[GetMap]].

In commit:b7a0c918 (SVN r9777), I changed behaviour such that the baseUrl (as before) is taken if there was no URL found in capabilities. The request therefore works now again (but nevertheless, take the correct URL ;-)

Marco

Milestone Version 1.0.0 deleted

**Files**

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wms_grass.png	9.33 KB	2008-12-05	Maciej Sieczka -
wms_marble.png	11.1 KB	2008-12-05	Maciej Sieczka -