

# QGIS Application - Bug report #16326

## QGIS segfault when pointing to libjpeg/jdapimin

2017-03-08 10:11 AM - Spencer Gardner

<b>Status:</b> Closed	
<b>Priority:</b> High	
<b>Assignee:</b>	
<b>Category:</b> Python plugins	
<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> not reproducible
<b>Crashes QGIS or corrupts data:</b> Yes	<b>Copied to github as #:</b> 24236

### Description

This is a persistent issue on Ubuntu identified while using the QuickMapServices (QMS) add-on. QGIS crashes with a segfault upon mouseover on the QMS menu. Crash dumps indicate an issue with pointing to libjpeg/jdapimin. NextGIS folks (developers of QMS plugin) have indicated this is an issue with QGIS and not related to the plugin itself. See related bug report:

<https://github.com/nextgis/quickmapservices/issues/51>

Steps to reproduce:

1. Enable additional service providers in QMS settings
2. Navigate to Web -> QuickMapServices

What happens:

QGIS crashes immediately

What should happen:

QMS menu should open

### History

#### #1 - 2017-03-10 07:01 AM - Matthias Kuhn

- Status changed from Open to Feedback

Which packages did you install?

Given that this

- a) only surfaces with a plugin and
- b) only affects one system

makes it very unlikely that this report in here will help to fix the problem (sorry).

Better figure out with the developers of the plugin.

#### #2 - 2017-03-10 07:28 AM - Giovanni Manghi

- Priority changed from Normal to High

Why the "c++ plugin" category?

**#3 - 2017-03-10 08:34 AM - Spencer Gardner**

The problem appears to be related to the QMS plugin so I'm assuming it has something to do with the plugin framework. I had assumed it was a C++ plugin, but now that I look at the source it is actually a Python plugin. Sorry for the mixup.

**#4 - 2017-04-11 10:46 PM - Jürgen Fischer**

- *Subject changed from QGIS segfault when pointing to libjpeg/jdapimin to QGIS segfault when pointing to libjpeg/jdapimin*

**#5 - 2017-04-12 01:56 AM - Jürgen Fischer**

A backtrace (bt in gdb) might be helpful - you were almost there in the nextgis ticket...

**#6 - 2017-04-12 08:51 AM - Spencer Gardner**

I'm having some trouble with gdb. Now when I replicate the crash in gdb everything freezes. Not sure if it's a kernel panic or what might be going on. Or perhaps it's just stuck because the crash dump is large? I'm not too handy with gdb. Perhaps I can get around the issue by generating a core dump and then analyzing, but I'm not even sure how to do that. Any advice is appreciated.

**#7 - 2017-04-12 03:05 PM - Jürgen Fischer**

Spencer Gardner wrote:

*I'm having some trouble with gdb. Now when I replicate the crash in gdb everything freezes. Not sure if it's a kernel panic or what might be going on. Or perhaps it's just stuck because the crash dump is large? I'm not too handy with gdb. Perhaps I can get around the issue by generating a core dump and then analyzing, but I'm not even sure how to do that. Any advice is appreciated.*

See <https://www.qgis.org/en/site/getinvolved/development/bugreporting.html#creating-a-backtrace>

**#8 - 2017-04-12 06:38 PM - Spencer Gardner**

- *File qgis.backtrace added*

OK. I'm still getting weird kernel panic when using qgis with gdb directly, but I was able to produce a core dump thanks to your link and then run it through gdb. I've attached the results of the backtrace. I hope this helps.

**#9 - 2017-04-29 05:11 AM - Giovanni Manghi**

- *Category changed from C++ Plugins to Python plugins*

- *Status changed from Feedback to Open*

I'm on the same platform and platform version. No issues at all with QGIS 2.18.7.

Please try again, not before having first disabled/removed all other 3rd party plugins or even better by wiping .qgis2.

**#10 - 2017-04-29 07:22 AM - Spencer Gardner**

Just tried with a fresh .qgis2 and still crashes. Did you test after adding the additional WMS providers via Web -> QuickMapServices -> Settings -> More Services -> Get contributed pack

Everything works fine for me until I enable the additional providers.

**#11 - 2017-04-29 11:33 AM - Giovanni Manghi**

- Status changed from Open to Feedback

Spencer Gardner wrote:

*Just tried with a fresh .qgis2 and still crashes. Did you test after adding the additional WMS providers via Web -> QuickMapServices -> Settings -> More Services -> Get contributed pack*

yes I tried, on 3 different platforms, including Ubuntu 16.04. It all points to a local issue.

**#12 - 2017-05-01 01:01 AM - Giovanni Manghi**

- Regression? set to No

- Easy fix? set to No

**#13 - 2017-05-12 07:51 PM - Giovanni Manghi**

- Status changed from Feedback to Closed

- Description updated

- Resolution set to not reproducible

Cannot be replicated also by many others on may different platforms and qgis versions. All points to a local issue... if anyway you find a clear way to replicate on any system please reopen.

**Files**

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qgis.backtrace	4.57 KB	2017-04-12	Spencer Gardner
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