

## QGIS Application - Bug report #4076

### Hanging on trying to use --snapshot option from command line

2011-07-13 01:17 PM - Maxim Dubinin

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                      |
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| <b>Status:</b> Closed                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |
| <b>Priority:</b> High                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                      |
| <b>Assignee:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                      |
| <b>Category:</b> Project Loading/Saving                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                      |
| <b>Affected QGIS version:</b> master                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Regression?:</b> No               |
| <b>Operating System:</b> Windows                                                                                                                                                                                                                                                                                                                                                                                                                                              | <b>Easy fix?:</b> No                 |
| <b>Pull Request or Patch supplied:</b> No                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Resolution:</b> fixed/implemented |
| <b>Crashes QGIS or corrupts data:</b> No                                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>Copied to github as #:</b> 14059  |
| <b>Description</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                      |
| <p>Trying to use --snapshot option to export raster with 1000x1000 dimensions (no extent) set from command line according to the description from <a href="http://underdark.wordpress.com/2010/11/30/creating-high-resolution-images-using-qgis/">http://underdark.wordpress.com/2010/11/30/creating-high-resolution-images-using-qgis/</a></p> <p>QGIS opens up the project but hangs indefinitely without producing anything.</p> <p>Win7, QGIS trunk 4c2e54c (OSGeo4W)</p> |                                      |
| <b>Related issues:</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                      |
| Duplicated by QGIS Application - Bug report # 8256: QGIS from command line <span style="float: right;"><b>Closed</b>    <b>2013-07-10</b></span>                                                                                                                                                                                                                                                                                                                              |                                      |

#### History

##### #1 - 2011-12-16 02:11 PM - Giovanni Manghi

- Target version set to Version 1.7.4

##### #2 - 2012-04-16 06:28 AM - Paolo Cavallini

- Target version changed from Version 1.7.4 to Version 1.8.0

- Affected QGIS version set to master

- Crashes QGIS or corrupts data set to No

##### #3 - 2012-07-22 01:14 AM - Sake Wagenaar

- File screen\_print.png added

I have the same problem when I try to generate snapshots of a series of vector maps from a batch file (and also with a single snapshot from the command line). Several instances of QGIS are started. No images are saved and QGIS doesn't respond. The problem only occurs if I use the labeling function from the Layer menu. Not if I use the old labeling function from the Labels tab (Layer properties dialog).

I'm using QGIS 1.8.0, installed with the OSGeo4W installer (Windows 7).

##### #4 - 2012-07-23 06:14 AM - Giovanni Manghi

- Status changed from Open to Feedback

- Pull Request or Patch supplied set to No

Maxim, can you confirm if in your case it is a matter of having labels enabled or not?

##### #5 - 2012-07-24 01:21 PM - Sake Wagenaar

Today, I tried to generate snapshots on two different computers, both with Windows XP and QGIS 1.8.0 installed. On both systems this operation failed. Even for a simple vector map without labels no snapshot was made and QGIS didn't respond.

**#6 - 2012-09-04 11:59 AM - Paolo Cavallini**

- Target version changed from Version 1.8.0 to Version 2.0.0

**#7 - 2013-02-19 07:23 PM - Amit Kulkarni**

This seems to work on master... If I leave off extents + height/width qgis creates a default 800 x 600 png image.

**#8 - 2013-04-22 12:11 PM - Jason Paul Joines**

I'm using Quantum GIS 1.8.0-Lisboa (package 1.8.0-1~precise3) on Kubuntu 12.04.2. I've just started working through the User Guide and am at the --snapshot explanation.

I had a session up and running with the landcover.img and lakes.gml files loaded from sample data, then tried "qgis --snapshot snapshot000.png" from a separate terminal window which fired up a new QGIS session and made a PNG of an empty white background.

Then I saved my project, closed QGIS and tried "qgis --project userguide.qgs --snapshot snapshot001.png". That resulted in less than a second of my project being displayed followed by a white background session and the mouse pointer spinning around in waiting mode. After several minutes, I killed the session and tried again. It hangs each time.

Then I opened my project interactively again and used the File --> Save as Image... to create the snapshot which worked just fine.

I thought displaying Tool Tips at startup might be causing the problems so I disabled that but no luck. Then I disabled showing the logo with "qgis --nologo --project userguide.qgs --snapshot snapshot001.png" but the session still hangs each time without creating a snapshot until I kill it.

**#9 - 2013-06-01 03:57 PM - Giovanni Manghi**

- Resolution set to worksforme

- Status changed from Feedback to Closed

seems to work on master. Reopen if necessary.

**#10 - 2013-07-19 03:39 AM - Sake Wagenaar**

- File QGIS19\_Test\_snapshots.zip added

- Status changed from Closed to Reopened

I tested the snapshot function with QGIS 1.9.0-Master (ddef9a9) on two systems (Windows 7 and Windows 8). The test failed on both systems. After the map is shown, the program does not react anymore and no snapshot is made. I used this command:

```
C:\OSGeo4W\bin\qgis-dev.bat --project test.qgs --snapshot test.png
```

I uploaded a ZIP-file with a test project.

**#11 - 2013-07-20 03:24 AM - Giovanni Manghi**

- Resolution deleted (worksforme)

- OS version deleted (7)

I confirm that does not work on Windows, but is ok on Linux.

**#12 - 2013-07-20 03:28 AM - Giovanni Manghi**

- Crashes QGIS or corrupts data changed from No to Yes
- Priority changed from Normal to High

**#13 - 2013-07-20 03:59 AM - Sake Wagenaar**

The snapshot function no longer works on openSUSE Linux (QGIS 1.8)!

**#14 - 2013-07-20 04:00 AM - Giovanni Manghi**

Sake Wagenaar wrote:

| *The snapshot function no longer works on openSUSE Linux (QGIS 1.8)!*

you must test qgis master anyway.

**#15 - 2013-07-21 01:52 PM - Daniel Vaz**

Probably it is specific for windows. I test on Linux (Ubuntu 13.04) using master and it works.

**#16 - 2014-01-30 11:43 PM - Paolo Cavallini**

- Target version changed from Version 2.0.0 to Future Release - High Priority

**#17 - 2015-12-03 07:30 AM - Médéric RIBREUX**

- Status changed from Reopened to Feedback

Hello, bug triage...

I can't reproduce it on Debian Stretch with QGIS 2.13 master. I will try it on MS Windows tomorrow...

**#18 - 2015-12-20 08:11 AM - Giovanni Manghi**

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

it works also on Windows.

**Files**

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|                           |         |            |               |
|---------------------------|---------|------------|---------------|
| screen_print.png          | 50.7 KB | 2012-07-21 | Sake Wagenaar |
| QGIS19_Test_snapshots.zip | 73.6 KB | 2013-07-19 | Sake Wagenaar |