

QGIS Application - Bug report #15684

Crash when creating snapshot with vector layer from command line

2016-10-09 09:56 AM - Alex Cobb

Status: Closed	
Priority: High	
Assignee:	
Category: Project Loading/Saving	
Affected QGIS version: 2.18.16	Regression?: No
Operating System: Linux	Easy fix?: No
Pull Request or Patch supplied: No	Resolution: fixed/implemented
Crashes QGIS or corrupts data: Yes	Copied to github as #: 23607

Description

Creating a PNG snapshot from the command line on Linux of a map containing a vector layer causes a segmentation fault after creating the PNG. Crashes with projects containing either SpatiaLite and shapefile layers, but no crash with just a raster layer (GeoTIFF). No crash if creating a PNG from the GUI (Project -> Save As Image...). Crashes with or without --noplugins, --extent, --height, or --width. A number of failed Gtk assertions are reported just before the segfault. The attached minimal (not) working example consists of a project containing a single vector layer that is just a single polygon that I created in QGIS:

```
qgis --snapshot output.png test_map.qgsWarning: loading of qgis translation failed [/usr/share/qgis/i18n//qgis_en_US]
Warning: loading of qt translation failed [/usr/share/qt4/translations/qt_en_US]
Warning: QCss::Parser - Failed to load file "/style.qss"
loaded the Generic plugin
Warning: QObject::startTimer: QTimer can only be used with threads started with QThread
```

```
(qgis:11254): Gtk-CRITICAL **: IA__gtk_container_add: assertion 'GTK_IS_CONTAINER (container)' failed
```

```
(qgis:11254): Gtk-CRITICAL **: IA__gtk_widget_realize: assertion 'GTK_WIDGET_ANCHORED (widget) || GTK_IS_INVISIBLE (widget)' failed
```

(These two assertion failures are reported many times; full output is attached.)

```
Segmentation fault (core dumped)
```

History

#1 - 2017-02-04 02:50 AM - Giovanni Manghi

- Priority changed from Normal to High

#2 - 2017-03-07 04:50 AM - Giovanni Manghi

- Affected QGIS version changed from 2.12.1 to 2.18.4

- Target version set to Version 2.18

Confirmed on 2.18.4

#3 - 2017-05-01 01:02 AM - Giovanni Manghi

- Easy fix? set to No

- Regression? set to No

#4 - 2018-02-25 10:18 PM - Luca Lanteri

It works with 3.0.
Confirmed on 2.18.15

#5 - 2018-02-25 10:21 PM - Giovanni Manghi

- Description updated
- Affected QGIS version changed from 2.18.4 to 2.18.16

#6 - 2019-02-24 04:02 PM - Giovanni Manghi

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

Luca Lanteri wrote:

It works with 3.0.
Confirmed on 2.18.15

2.18 is EOL, so closing

Files

test_map.qgs	7.57 KB	2016-10-09	Alex Cobb
example.shp	252 Bytes	2016-10-09	Alex Cobb
example.shx	108 Bytes	2016-10-09	Alex Cobb
example.dbf	188 Bytes	2016-10-09	Alex Cobb
example.prj	143 Bytes	2016-10-09	Alex Cobb
example.qpj	257 Bytes	2016-10-09	Alex Cobb
snapshot_crash_stderr.txt	13.5 KB	2016-10-09	Alex Cobb
backtrace.log	35 KB	2016-10-09	Alex Cobb