

QGIS Application - Bug report #18274

Print Composer in 3.0.0 export to TIF forgets to define RowsPerStrip in TIF

2018-02-28 05:35 PM - JW van Aalst

Status:	Closed	
Priority:	High	
Assignee:		
Category:	Map Composer/Printing	
Affected QGIS version:	3.0.0	Regression?: Yes
Operating System:	Windows 10 64-bit	Easy fix?: No
Pull Request or Patch supplied:	No	Resolution: up/downstream
Crashes QGIS or corrupts data:	No	Copied to github as #: 26165
Description		
<p>In QGIS 3.0.0, When atlas-exporting to TIF in the print composer, the resulting TIF files have no RowsPerStrip defined. So GDAL notices.</p> <p>QGIS doesn't crash, but the resulting TIF data is not readable in other programs (unless first corrected using GDAL).</p> <p>Tested on Windows 10 with QGIS 3.0.0 64-bit.</p>		

History

#1 - 2018-02-28 05:39 PM - Giovanni Manghi

- Category changed from Rasters to Map Composer/Printing
- Status changed from Open to Feedback

How about 2.18? the result is different?

#2 - 2018-02-28 05:44 PM - JW van Aalst

In QGIS 2.18.16, TIF files export fine (although uncompressed; the compression is certainly an improvement in 3.0.0).

#3 - 2018-02-28 05:47 PM - Giovanni Manghi

- Regression? changed from No to Yes
- Priority changed from Normal to High
- Status changed from Feedback to Open

#4 - 2018-03-01 01:29 AM - Nyall Dawson

- Resolution set to up/downstream
- Status changed from Open to Feedback

This is an upstream issue in Qt. Our choices here are:

1. removing the the compression
2. leaving the missing RowsPerStrip definition out

I'm leaning to 1

#5 - 2018-03-01 07:41 AM - JW van Aalst

1: Agreed. In either case I'm going to have to use GDAL to further process the TIFs anyway (including compressing them). If the RowsPerStrip remains undefined, Photoshop won't open the (larger) TIFs.

#6 - 2018-06-02 05:03 PM - Even Rouault

I've proposed a patch to QT to set the RowsPerStrip tag: <https://bugreports.qt.io/browse/QTBUG-68609>

#7 - 2018-06-06 10:55 AM - Even Rouault

A variation of my patch has been committed for QT 5.11.1

#8 - 2018-08-16 02:14 PM - Giovanni Manghi

- *Status changed from Feedback to Closed*