

QGIS Application - Bug report #18132

Dpi resolution of images exported from composer is wrong

2018-02-18 07:00 PM - Andrea Giudiceandrea

Status:	Closed	
Priority:	High	
Assignee:		
Category:	Map Composer/Printing	
Affected QGIS version:	2.18.17	Regression?: Yes
Operating System:		Easy fix?: No
Pull Request or Patch applied:	Yes	Resolution: fixed/implemented
Crashes QGIS or corrupts data:	No	Copied to github as #: 26025
Description		
QGIS 2.18.16 64 bit (standalone installer) on Windows 7 SP1 64 bit		
When using "Export as Image..." tool from map / print composer, with, for example: "Page size" = A4 (210x297mm) "Export resolution" = 150 dpi ,		
the "Image export options" window is automatically filled with: "Export resolution" = 150 dpi "Page width" = 1240 px "Page height" = 1753 px		
but the exported image (BMP/PNG/JPEG/JPG/TIF/TIFF formats) will be 1240x1753 px with the wrong resolution set to 149 dpi ; so it will be of the incorrect size of 211,38x298,83 mm .		
The same for, e.g., 300 dpi : the exported image will have the wrong resolution of 299 dpi .		

History

#1 - 2018-02-27 04:03 PM - Andrea Giudiceandrea

The bug is also occurring in 2.18.17

#2 - 2018-02-27 04:04 PM - Giovanni Manghi

- Status changed from Open to Feedback
- Affected QGIS version changed from 2.18.16 to 2.18.17

Andrea Giudiceandrea wrote:

| The bug is also occurring in 2.18.17

please test also QGIS 3, thanks!

#3 - 2018-02-27 09:15 PM - salvatore fiandaca

I confirm the problem for 2.18.17.

test on QGIS3.0:

A4 150 dpi

exporting I get correct values ie 150 dpi

#4 - 2018-02-27 11:58 PM - Andrea Giudiceandrea

Further investigating...

I tested some previous versions: 1.8.0, 1.9.0, 2.0.1, 2.10.1 aren't affected; 2.12.0, 2.14.22, 2.16.3 are affected.

So it seems the bug was introduced in 2.12.

#5 - 2018-02-28 10:18 AM - Giovanni Manghi

- *Priority changed from Normal to High*

- *Regression? changed from No to Yes*

#6 - 2018-02-28 11:17 AM - Andrea Giudiceandrea

I've probably found the commit that introduced the bug:

[composer] Fix image size/resolution was not honored during export (fix #13438)

commit:e553a792561da4a1d5d30040808343e5337eec0b

nyalldawson committed on 4 Oct 2015

#7 - 2018-03-04 10:08 AM - Andrea Giudiceandrea

Pull request with commit that fixes the bug: <https://github.com/qgis/QGIS/pull/6524>

#8 - 2018-03-04 10:12 AM - Giovanni Manghi

- *Operating System deleted (Windows 7 SP1 64 bit)*

- *Pull Request or Patch supplied changed from No to Yes*

#9 - 2018-03-06 01:58 PM - Giovanni Manghi

- *Status changed from Feedback to Open*

#10 - 2018-04-15 01:20 PM - Andrea Giudiceandrea

Pull request <https://github.com/qgis/QGIS/pull/6524> with commit that fixes the bug

Applied in changeset commit:qgis|4f05da4a0de9e2c17b6e47bed36e7aca1c6d125d.

#11 - 2018-04-15 10:42 PM - Nyal Dawson

- *Resolution set to fixed/implemented*

- *Status changed from Open to Closed*