

## QGIS Application - Bug report #18132

### Dpi resolution of images exported from composer is wrong

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

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

#### 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*