

QGIS Application - Feature request #9281

[composer] add option to disable antialiasing when exporting compositions

2014-01-01 01:56 PM - Giovanni Manghi

Status: Closed	
Priority: High	
Assignee:	
Category: Map Composer/Printing	
Pull Request or Patch supplied:	Resolution: fixed/implemented
Easy fix?: No	Copied to github as #: 17893
Description	
To be more precise, it seems that when printing the option is set always as active, no matter if printing as raster or not.	

Associated revisions

Revision 2f0969e2 - 2017-12-17 05:14 AM - Nyal Dawson

Expose antialiasing option in image export dialog

Allows for creating non-antialiased images from layouts. Note that some layout item types do not correctly respect this setting, but at least map items do and the API is in place for them to be fixed later.

Fixes #9281

History

#1 - 2014-01-05 09:17 AM - Jürgen Fischer

- Subject changed from *The option "make lines appear less jagged at the expense of some drawing performance" does not seem to be applied in the print composer* to *The option "make lines appear less jagged at the expense of some drawing performance" does not seem to be applied in the print composer*

#2 - 2014-02-07 01:30 PM - Nyal Dawson

- Status changed from *Open* to *Feedback*

I don't think this is a bug - to me it's a feature. Why would you want to disable anti-aliasing when exporting a composition?

#3 - 2014-02-09 04:31 AM - aperi2007 -

The antialiasing is not good for the black-white TIFF4 images.

In the tiff4 the main goal is to have always only two colors: black/white.

The antialiasing works by substituting some white pixels with a grey light color.

This breaks the possibility to have a tiff4 image.

As a use case:

the composer will allow the opportunity to export a map as a tiff georef.

But if the goal is to export a tiff4 black/white image.

The actual setting of composer to deny the correct black/white will deny to have a set of tiff4 images georef as exportation from qgis.

#4 - 2014-02-09 04:44 AM - aperi2007 -

So it is definitively a bug because it does not reproduce exactly what there is in the canvas.

The goal of composer is to produce a print of what there is on canvas.

A composer that does another thing different from canvas is not a print in qgis, but a different program.

In the canvas there is a black/white image because I can put the white transparent and having a result when export.

In composer when export I have a raster not black/white.

So I guess it is a bug.

#5 - 2014-02-09 12:45 PM - Nyal Dawson

- Category changed from 33 to Map Composer/Printing

- Tracker changed from Bug report to Feature request

- Subject changed from *The option "make lines appear less jagged at the expense of some drawing performance" does not seem to be applied in the print composer to [composer] add option to disable antialiasing when exporting compositions*

OK, that's a good point. However I don't think the existing option for antialiasing in settings is the correct solution. For one, this option is worded in a way that makes it sound like it's purely for performance. I'd imagine the given how it's worded the current use case is that people are disabling antialiasing in settings to speed up working with the canvas, not to change how maps are exported.

Secondly, this current setting has no effect on other composer controls such as labels, etc.

I think your use case could be better addressed by an option in the composition settings for disabling antialiasing for the whole composition. This option would be per composition, not a global setting.

#6 - 2014-02-09 11:45 PM - Paolo Cavallini

- Priority changed from Normal to High

- Target version changed from Future Release - High Priority to Version 2.2

Sounds reasonable. Nevertheless, I think this option should be added, as without it the user case described is seriously hindered. As it solves a real user issue, quite important in massive production, and it should not impact other code, I would ask to reconsider adding it to the upcoming version.

#7 - 2014-06-20 05:48 AM - Giovanni Manghi

- Target version changed from Version 2.2 to Version 2.4

- Status changed from Feedback to Open

#8 - 2014-06-28 07:45 AM - Jürgen Fischer

- Target version changed from Version 2.4 to Future Release - High Priority

#9 - 2017-05-01 12:48 AM - Giovanni Manghi

- Easy fix? set to No

#10 - 2017-12-17 10:28 PM - Nyal Dawson

- Status changed from Open to Closed

- % Done changed from 0 to 100

Applied in changeset commit:qgis|2f0969e2bd5b5e74e6c18412d27f86a8f7c1072a.

#11 - 2018-02-22 11:53 AM - Giovanni Manghi

- *Resolution set to fixed/implemented*