

## QGIS Application - Feature request #9362

### Export PDF layers from QGIS map composers

2014-01-17 12:25 AM - Asier Sarasua

<b>Status:</b>	Open	<b>Resolution:</b> <b>Copied to github as #:</b> 17962
<b>Priority:</b>	Low	
<b>Assignee:</b>		
<b>Category:</b>	Map Composer/Printing	
<b>Pull Request or Patch supplied:</b>	No	
<b>Easy fix?:</b>	No	
<b>Description</b>		
As in the attached image.		
PDF layers are formally known as Optional Content Groups.		
"They represent a collection of graphic objects that can be made visible or invisible. Any graphic content of the PDF can be made optional, including page contents, XObjects, and annotations." Reference: <a href="http://livedocs.adobe.com/acrobat_sdk/9.1/Acrobat9_1_HTMLHelp/API_References/Acrobat_API_Reference/PD_Layer/PDOCG.html">http://livedocs.adobe.com/acrobat_sdk/9.1/Acrobat9_1_HTMLHelp/API_References/Acrobat_API_Reference/PD_Layer/PDOCG.html</a>		
This feature would give the ability to open a PDF (generated from the QGIS composer) in Acrobat and enable/disable the visibility of layers.		
<b>Related issues:</b>		
Duplicates QGIS Application - Feature request # 8771: Export print layouts in...		<b>Closed</b> <b>2013-10-04</b>

#### History

##### #1 - 2014-01-17 12:38 AM - Jukka Rahkonen

Feels the same as #8771 speaks about geopdf but it would be more safe to call it as geospatial pdf because GeoPDF is a trade mark.

##### #2 - 2014-01-17 05:05 AM - Giovanni Manghi

- Target version set to Future Release - Nice to have

To note that QGIS "can" already export (from the canvas, not the composer) as geopdf: the format is supported in gdal/ogr used by qgis, so it would be possible to export using the "save as..." vector function or the translate tool in the raster menu. But as far as I can see the "geopdf" format is not listed in the gui comboboxes.

##### #3 - 2015-01-30 11:25 PM - Simon W

Can we get a status on this or 8771?

##### #4 - 2015-02-02 12:05 AM - Nyal Dawson

Simon - nothing to report, as far as I'm aware no one is currently tackling this issue.

##### #5 - 2015-03-15 02:39 AM - Asier Sarasua

- File qgis\_geopdf\_2.png added

- File *qgis\_geopdf.png* added

@Giovanni

As GDAL 1.10 supports GeoPDF, I successfully exported a PDF with layers (a raster layer and a polyline vector layer) from Processing inserting a OGR\_DATASOURCE parameter in the "Additional creation parameters" box to add the vector layer. However, it only exports vectors without style. I have to investigate more into this<sup>[1]</sup>[2].

[1][http://www.gdal.org/frmt\\_pdf.html](http://www.gdal.org/frmt_pdf.html)

[2][http://www.gdal.org/ogr\\_feature\\_style.html](http://www.gdal.org/ogr_feature_style.html)

#### #6 - 2015-03-15 06:22 AM - Giovanni Manghi

Asier Sarasua wrote:

@Giovanni

As GDAL 1.10 supports GeoPDF, I successfully exported a PDF with layers (a raster layer and a polyline vector layer) f

Hi,

yes this is expected beside the lack of options in QGIS gui.

The ticket is more about the possibility to export a map from the QGIS composer as geopdf.

#### #7 - 2015-04-22 03:23 AM - Luca Delucchi

Hi,

I'm working on a plugin to create GeospatialPDF (not that real GeoPDF because is proprietary format) from raster and vector data loaded into QGIS, but not from QGIS composer.

I tried to investigate a little bit more about this possibility but I didn't find any good solution.

The plugin is close to be released (I hope in two/three weeks) and will have the following capabilities:

- export raster and styled vector (probably all the three QGIS symbol style)
- most of the GeospatialPDF "Creation Options" [0] are supported
- support for legend/scalebar/images and choose their position in the GeospatialPDF.

[0] [http://www.gdal.org/frmt\\_pdf.html](http://www.gdal.org/frmt_pdf.html)

#### #8 - 2015-04-24 04:28 AM - Giovanni Manghi

- Status changed from Open to Closed

see also #8771

#9 - 2015-04-24 04:28 AM - Giovanni Manghi  
- Status changed from Closed to Open

see also #8771

#10 - 2015-06-19 08:40 PM - James Wilson

If you want to make a Georeferenced PDF for Avenza:

Set up your print composer, and export it as a georeferenced image  
([https://docs.qgis.org/2.6/en/docs/user\\_manual/print\\_composer/print\\_composer.html#creating-output](https://docs.qgis.org/2.6/en/docs/user_manual/print_composer/print_composer.html#creating-output))  
Bring this back into your project as use Raster > Conversion > Translate  
to export it as a georeferenced PDF

#11 - 2016-07-15 07:48 AM - amedeo fadini

I'm also interested in this feature: the planned use case is to distribute a PDF map or atlas in PDF format and give to the final user the chance to print the whole map or only the layers of interest.

#12 - 2017-05-01 12:48 AM - Giovanni Manghi  
- Easy fix? set to No

Files			
PDFlayers.png	172 KB	2014-01-16	Asier Sarasua
qgis_geopdf.png	413 KB	2015-03-15	Asier Sarasua
qgis_geopdf_2.png	76.3 KB	2015-03-15	Asier Sarasua