

QGIS Application - Feature request #9362

Export PDF layers from QGIS map composers

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

Status:	Open	Resolution: Copied to github as #: 17962
Priority:	Low	
Assignee:		
Category:	Map Composer/Printing	
Pull Request or Patch supplied:	No	
Easy fix?:	No	
Description		
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: http://livedocs.adobe.com/acrobat_sdk/9.1/Acrobat9_1_HTMLHelp/API_References/Acrobat_API_Reference/PD_Layer/PDOCG.html		
This feature would give the ability to open a PDF (generated from the QGIS composer) in Acrobat and enable/disable the visibility of layers.		
Related issues:		
Duplicates QGIS Application - Feature request # 8771: Export print layouts in...		Closed 2013-10-04

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 - Nyall 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^[1][2].

[1]http://www.gdal.org/frmt_pdf.html

[2]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

#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)
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