

Stirling-Tools/Stirling-PDF

#3117 [Bug]: Compress PDF doesnt work



14 comments

 **LucaB2802** opened on March 5, 2025



[Bug]: Compress PDF doesnt work #3117

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Activity



seanmcg182 commented on Mar 10, 2025



Seconded, kinda.
I started with a 51MB, 117 page file... I extracted 2 pages, still 51MB.
THEN i tried to compress, still 51MB.

Then I got my work laptop, opened Adobe, extracted the same 2 pages, immediately down to 1MB



Frooodle commented on Mar 10, 2025



Member

What parameters are you compressing with
Can you provide logs or files?



LucaB2802 commented on Mar 10, 2025



Author

I dont have special parameters. I use the standard tool (pdf-compress). It doesnt matter if I use my docker version or your official web applikation.



seanmcg182 commented on Mar 10, 2025



[seanmcg182](#)

What parameters are you compressing with Can you provide logs or files?

for my "similar" issue, here's what I had:

I just clicked on "Extract Page(s)" from the main screen.

I got this in my docker log:

```
2025-03-10 04:38:40.209278+00:0000:38:40.208 [qtp1370822209-65] INFO
```

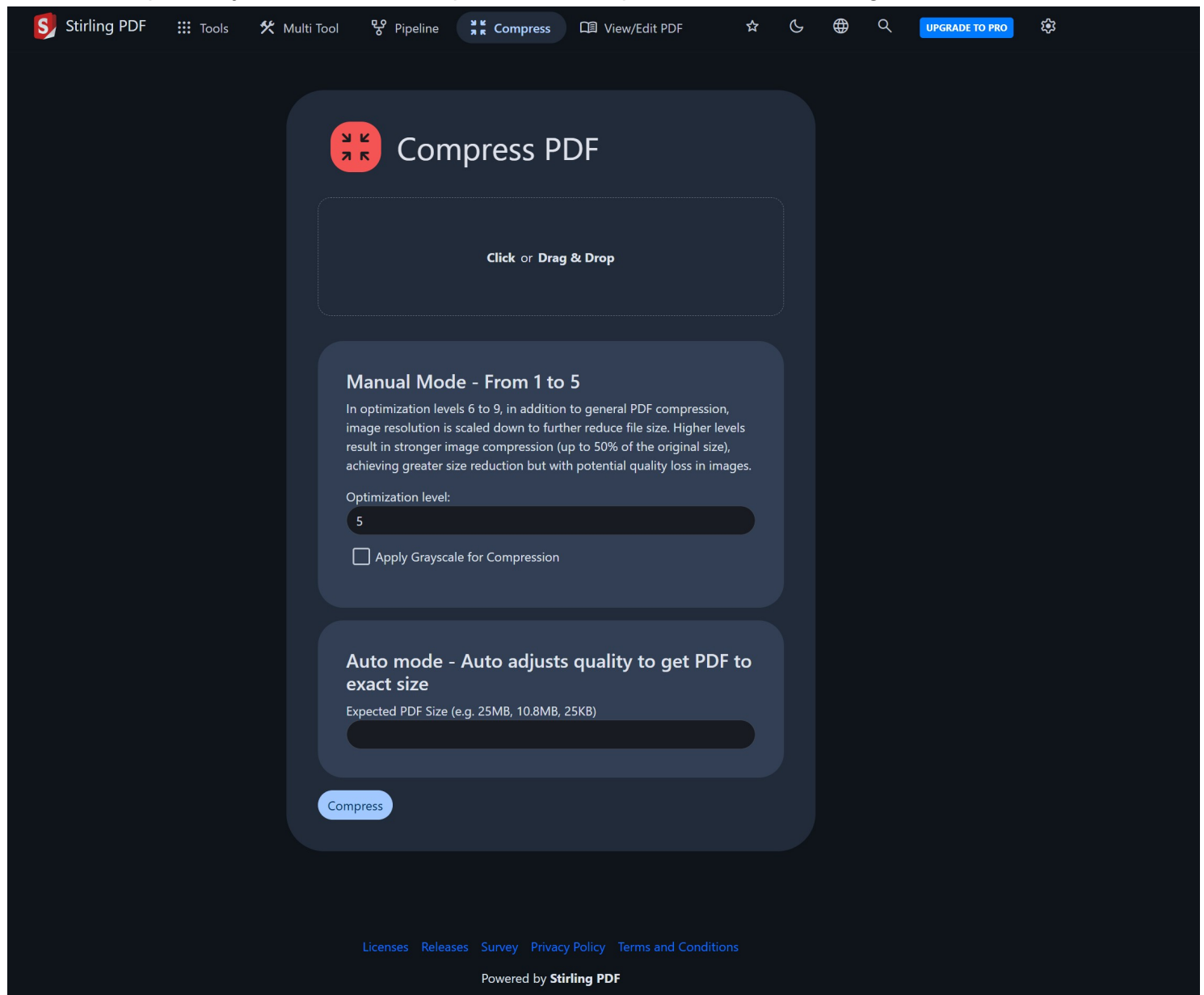
```
s.s.S.c.a.RearrangePagesPDFController - newPageOrder = [49, 50]
```

```
2025-03-10 04:38:40.209473+00:0000:38:40.209 [qtp1370822209-65] INFO
```

```
s.s.S.c.a.RearrangePagesPDFController - totalPages = 117
```

Output file was 2 pages, but still the same size as the 117 page original.

Then to Compress, I just clicked on "Compress" on the top banner, left the settings default as shown:



Docker Log shows:

```
2025-03-10 04:39:39.628344+00:0000:39:39.627 [qtp1370822209-79] INFO s.s.SPPDF.utils.ProcessExecutor -  
Running command: qpdf --optimize-images --recompress-flate --compression-level=5 --compress-streams=y --  
object-streams=generate --no-warn /tmp/input_16628756068428835146.pdf  
/tmp/output_13909192155282413624.pdf  
2025-03-10 04:39:51.685346+00:0000:39:51.684 [qtp1370822209-79] WARN s.s.SPPDF.utils.ProcessExecutor  
- qpdf succeeded with warnings:  
2025-03-10 04:39:51.753856+00:0000:39:51.753 [qtp1370822209-79] WARN  
s.s.S.c.api.misc.CompressController - Optimized file is larger than the original. Returning the original file  
instead.
```



Frooodle commented on Mar 10, 2025



Frooodle

Member

Can you change compression level from 5 to 9? Is that suitable?



seanmcg182 commented on Mar 10, 2025



seanmcg182

Can you change compression level from 5 to 9? Is that suitable?

2025-03-10 22:33:56.968125+00:0018:33:56.967 [qtp355677068-50] INFO s.s.SPDF.utils.ProcessExecutor -
Running command: qpdf --optimize-images --recompress-flate --compression-level=9 --compress-streams=y --
object-streams=generate --no-warn /tmp/input_863533155438163280.pdf

/tmp/output_17530627149630344779.pdf

2025-03-10 22:35:02.326863+00:0018:35:02.326 [qtp355677068-50] WARN s.s.SPDF.utils.ProcessExecutor -
qpdf succeeded with warnings:

2025-03-10 22:35:02.378574+00:0018:35:02.378 [qtp355677068-50] WARN

s.s.S.c.api.misc.CompressController - Optimized file is larger than the original. Returning the original file
instead.



Frooodle commented on Mar 10, 2025



Frooodle

Member

Is there any way you can provide this file for us to test with?



houstek commented on Mar 13, 2025



houstek

Hello,

I'm experiencing a similar issue with the PDF compression feature in Stirling-PDF. Using a default Docker
installation of the latest version (0.44.1), I attempted to compress a 32MB color PDF containing images.

Regardless of the compression level selected, the file size reduction was less than 1MB. In contrast, when using Foxit PDF, I achieved reductions between 6MB and 22MB. This behavior is consistent across other PDF files I've tested.

Additionally, I tested the same files using the online demo version of Stirling-PDF and observed similar results, indicating that the issue is not isolated to my local setup.

```
stirlingpdf-stirling-pdf-1 16:19:01.630 [qtp149088344-54] WARN o.apache.pdfbox.pdmodel.PDDocument - You are overwriting the existing file input_16812739237287891347.pdf, this will produce a corrupted file if you're also reading from i
t
stirlingpdf-stirling-pdf-1 16:19:01.849 [qtp149088344-54] INFO s.s.s.c.api.misc.CompressController - Overall PDF compression: 31.62 MB → 31.61 MB (reduced by [:.1f]%)
stirlingpdf-stirling-pdf-1 16:19:01.853 [qtp149088344-54] INFO o.a.p.e.u.DeletingRandomAccessFile - Successfully deleted temp file: /tmp/pdf-bytes-21-4256836042579510488.tmp
stirlingpdf-stirling-pdf-1 16:19:01.853 [qtp149088344-54] INFO s.s.s.c.api.misc.CompressController - Pre-QPDF file size: 31.61 MB
stirlingpdf-stirling-pdf-1 16:19:01.853 [qtp149088344-54] INFO s.s.SPDF.util.ProcessExecutor - Running command: qpdf --recompress-flate --compression-level=9 --compress-streams=y --object-streams-generate /tmp/input_16812739237287891
347.pdf /tmp/output_2195028716941114544.pdf
stirlingpdf-stirling-pdf-1 16:19:01.860 [Thread-75] INFO s.s.SPDF.util.ProcessExecutor - WARNING: /tmp/input_16812739237287891347.pdf: reported number of objects (1579) is not one plus the highest object number (1577)
stirlingpdf-stirling-pdf-1 16:19:05.896 [Thread-75] INFO s.s.SPDF.util.ProcessExecutor - qpdf: operation succeeded with warnings; resulting file may have some problems
stirlingpdf-stirling-pdf-1 16:19:05.910 [qtp149088344-54] WARN s.s.SPDF.util.ProcessExecutor - qpdf succeeded with warnings: WARNING: /tmp/input_16812739237287891347.pdf: reported number of objects (1579) is not one plus the highest
object number (1577)
stirlingpdf-stirling-pdf-1 16:19:05.910 [qtp149088344-54] WARN s.s.SPDF.util.ProcessExecutor - qpdf succeeded with warnings; resulting file may have some problems
stirlingpdf-stirling-pdf-1 16:19:05.910 [qtp149088344-54] WARN s.s.SPDF.util.ProcessExecutor - qpdf succeeded with warnings: WARNING: /tmp/input_16812739237287891347.pdf: reported number of objects (1579) is not one plus the highest
object number (1577)
stirlingpdf-stirling-pdf-1 16:19:05.910 [qtp149088344-54] INFO s.s.s.c.api.misc.CompressController - Post-QPDF file size: 31.41 MB (reduced by [:.1f]%)
stirlingpdf-stirling-pdf-1 16:19:05.910 [qtp149088344-54] INFO s.s.s.c.api.misc.CompressController - Current compression ratio: 1.57
stirlingpdf-stirling-pdf-1 16:19:05.910 [qtp149088344-54] INFO s.s.s.c.api.misc.CompressController - Maximum optimization level reached without meeting target size.
stirlingpdf-stirling-pdf-1 16:19:05.924 [qtp149088344-54] INFO s.s.s.s.CustomPDObjectFactory - Loading PDF from file, size: 33MB
stirlingpdf-stirling-pdf-1 16:19:05.925 [qtp149088344-54] INFO s.s.s.s.CustomPDObjectFactory - Memory status - Free: 5470MB (95.88%), Used: 239MB, Max: 5712MB
stirlingpdf-stirling-pdf-1 16:19:05.925 [qtp149088344-54] INFO s.s.s.s.CustomPDObjectFactory - Using mixed memory/file cache for medium document (33MB)
stirlingpdf-stirling-pdf-1 16:19:06.055 [qtp149088344-54] INFO o.a.p.e.u.DeletingRandomAccessFile - Successfully deleted temp file: /tmp/output_2195028716941114544.pdf
```



Frooodle commented on Mar 13, 2025



Frooodle

Member

@houstek did you also set compression to 9 within the UI?



houstek commented on Mar 13, 2025



houstek

I've attached screenshots illustrating the file sizes after compression at both levels :

Nom	Modifié le	Taille	T
▼ Aujourd'hui			
Optimized_1.pdf	13/03/2025 13:33	33 061 Ko	F
Optimized_9.pdf	13/03/2025 13:32	32 192 Ko	F



Frooodle commented on Mar 13, 2025



Member

Are you able to provide the pdf?
If it is sensitive you can email at
anthony@stirlingpdf.com



houstek commented on Mar 13, 2025



File sent by email :)



Daryes commented on Mar 25, 2025



Just for the record, I'm facing the same problem on the latest v0.44.3, having a compression less than 5% on some files mostly with images, even at maximum level.
When falling back to Stirling PDF v0.33.1, the same file compressed at level 3 (of 4) went correctly from 506k to 81k

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Metadata

Metadata

Assignees

No one assigned

Labels

No labels

No labels

Type

No type

Projects

No projects

Milestone

No milestone

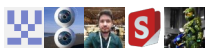
Relationships

None yet

Development

No branches or pull requests

Participants



Issue actions

You can't perform that action at this time.