

## LaTeXUA - Bug #4953

### Blindly merging PDFs with ghostscript breaks pdfmarks

10/25/2012 04:31 PM - Andre Prata

<b>Status:</b>	Fechado	<b>Start date:</b>	10/25/2012
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Andre Prata	<b>% Done:</b>	100%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Description</b>			
<p>When joining PDFs with ghostscript (see Makefile thesis and publish), any pdfmark information within the <i>matter</i> will be incorrect, as the pages they refer will have to be skewed by the amount of pages from the <i>cover</i> part.</p> <p>pdf-merge.py [1] is a script that uses <b>pdftk</b> to extract pdfmark information to later fix and merge with the final PDF, using <b>ghostscript</b>.</p> <p>It works, but is not compatible with python 3 (at least not with 3.3.0). Python 2 works (at least with 2.7.3)...</p> <p>It also allows setting PDF author, title and keywords information to the Header.</p> <p>[1] <a href="http://blog.tremily.us/posts/PDF_bookmarks_with_Ghostscript/">http://blog.tremily.us/posts/PDF_bookmarks_with_Ghostscript/</a></p>			

#### Associated revisions

##### Revision e2fa9320 - 10/26/2012 03:44 PM - André Prata

Use pftk to concatenate cover and matter. Fixes #4953

##### Revision e2c5dde7 - 10/26/2012 06:04 PM - André Prata

Yet another solution for pdf merging. Fixes #4953 (again)

#### History

##### #1 - 10/25/2012 04:38 PM - Andre Prata

A tiny update...

Actually, pdf-merge.py fixes the PDF bookmarks, but not local references (ToC, Acronyms, ... basically hyperref)...

##### #2 - 10/26/2012 03:47 PM - Anonymous

- Status changed from *Novo* to *Resolvido*

- % Done changed from 0 to 100

Aplicado no changeset [e2fa9320a03732c2ead6d1f8bfb8d978931c9e61](https://trac.tremily.us/changeset/e2fa9320a03732c2ead6d1f8bfb8d978931c9e61).

##### #3 - 10/26/2012 03:48 PM - Andre Prata

Interestingly, the work from pdf-merge.py is unnecessary, pdftk can handle concatenation, fixing bookmarks in the process...

##### #4 - 10/26/2012 05:51 PM - Andre Prata

- Status changed from *Resolvido* to *Em Curso*

- Assignee set to *Andre Prata*

Forget about the fix. This is very hard to solve as there are two "categories" of PDF links -- bookmarks and references (links to sections, figures, acronyms, etc).

What **ghostscript** does:

Merges the documents losing roman numberings, breaking bookmarks, as well as references.

What **pdftk** does:

Merges the documents losing bookmarks, but the references are flawless.

What **pdf-merge.py** does:

Merges the documents keeping bookmarks, but the references are broken.

What **me** does:

Added `\usepackage{pdfpages}` to the preamble of `matter.tex` and the `\includepdf{cover.pdf}` command right after `\begin{document}`.

So:

```
\documentclass%...
%...

\usepackage{pdfpages}
%...

\begin{document}
\includepdf{cover.pdf}
%...

\end{document}
```

Works like a charm!

**#5 - 10/26/2012 06:22 PM - Anonymous**

- Status changed from *Em Curso* to *Resolvido*

Aplicado no changeset [e2c5dde7eeabbc86069393218e07dbaa327a76f8](#).

**#6 - 03/13/2013 10:58 AM - João Paulo Barraca**

- Status changed from *Resolvido* to *Fechado*

Confirmado.