ubuntu forums

FAQ

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[ubuntu] Convert PDF to JPG or PNG?

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Thread: Convert PDF to JPG or PNG?

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November 25th, 2008   #1

Johnsie 🔰

Quad Shot of Ubuntu

🫘 🫘 🫘 🫘 🫘

Join Date:
Oct 2005
Beans:
466

Convert PDF to JPG or PNG?

Hi, does anyone have any solution for converting a pdf to an image on Ubuntu?

Thanks in advance,

Johnsie

💬 **Adv Reply**

November 25th, 2008   #2

kaibob 🔰
I Ubuntu, Therefore, I Am

🍺 🍺 🍺 🍺 🍺

Join Date:
Jun 2008
Location:
California
Beans:
2,271
Distro:
Ubuntu 10.10 Maverick Meerkat

Re: Convert PDF to JPG or PNG?

You can use the convert command-line utility. It's part of the Imagemagick suite and can be installed through synaptic.

To convert a PDF file to PNG format, the command would be:

Code:

```
convert infile.pdf outfile.png
```

The following page provides more detail:

http://www.imagemagick.org/script/convert.php

And, the following page lists formats supported by convert:

http://www.imagemagick.org/script/formats.php

Last edited by kaibob; November 26th, 2008 at 06:40 AM.

🔄 **Adv Reply**

📄 November 26th, 2008   #3

Johnsie 👤

Quad Shot of Ubuntu

🫘 🫘 🫘 🫘 🫘

Join Date:	Oct 2005
Beans:	466

Re: Convert PDF to JPG or PNG?

Thanks, that worked but the size of the image was alot smaller than the pdf. Is there a way to keep the same page dimensions?

🔄 **Adv Reply**

📄 November 26th, 2008   #4

hyper_ch 👤
Banned

🫘 🫘 🫘 🫘 🫘
burnt beans

Join Date:	Jun 2006
Location:	Switzerland
Beans:	Hidden!
Distro	Kubuntu Jaunty Jackalope (testing)

Re: Convert PDF to JPG or PNG?

open the pdf in gimp and save it as .jpg or .png

🔄 **Adv Reply**

📄 November 26th, 2008   #5

phillies 👤
5 Cups of Ubuntu

🫘 🫘 🫘 🫘 🫘

Join Date:	Aug 2008
Beans:	29

Re: Convert PDF to JPG or PNG?

or you can tell 'convert' which size

usually more dots per inch [dpi] works. I'm not sure what's convert's default value but 300dpi or 600dpi are in general good values as you convert vector graphics to raster graphics (that's why you can zoom in in good pdfs and it wont get pixely while it does on pngs)

Edit:
small example: An 8x11 letter/A4 (approx) with 72 dpi will result in a 576x792 pixel image -> quite crappy for a whole page, isn't it? Better with 300 dpi: 8x11 -> 2400 x 3300 pixel image, somehow better, isn't it?

Last edited by phillies; November 26th, 2008 at 10:53 AM. **Reason:** *example added*

↩ **Adv Reply**

📄 March 30th, 2009   **#6**

Dewni 👤
First Cup of Ubuntu

🥃 🥃 🥃 🥃 🥃

Join Date:
Feb 2007

Location:
Hannover, Germany

Beans:
7

Distro:
Ubuntu Jaunty Jackalope (testing)

Re: Convert PDF to JPG or PNG?

This answer might be a bit late, but perhaps good for the archive. I had a similar problem before. Change a bunch of oddly sized pdf documents to A4 format (portrait).

First, use pdftk to rotate the pictures:

Code:
```
pdftk your_input_file.pdf cat 1-endW output rotated.pdf
```

Then, use imagemagicks convert to generate a ps file, I used -density 300 to get a resonable 300dpi resolution, you might want more or less.

Code:
```
convert -density 300 rotated.pdf rotated.ps
```

And finally, use ghostscript to get everything in A4 format

Code:
```
gs -dNOPAUSE -dBATCH -sDEVICE=pdfwrite -sPAPERSIZE=a4 -sOutputFile=output.pdf rotated.ps
```

Of course this can be done using other tools, but I am very happy with all these utilities and the fact that I can use them from the commandline.

↩ **Adv Reply**

📄 May 28th, 2009   **#7**

gusanto
Just Give Me the Beans!

Join Date:
Jan 2007

Beans:
60

Re: Convert PDF to JPG or PNG?

I have 32 pages of pdf file and I want to convert it to png file with 4 images per page. Please show me how to do it. I have searched help but no luck.
Many thanks.

Adv Reply

May 28th, 2009

#8

XCan
Grande Half-n-Half Cinnamon Ubuntu

Join Date:
Aug 2007

Beans:
876

Distro:
Ubuntu 16.04 Xenial Xerus

Re: Convert PDF to JPG or PNG?

> Originally Posted by **gusanto**
>
> *I have 32 pages of pdf file and I want to convert it to png file with 4 images per page. Please show me how to do it. I have searched help but no luck.*
> *Many thanks.*

Perhaps you could open the pdf in evince, -> print to file -> page setup -> pages per side, and use 4? After the the new pdf with 4 pages per side has been created you can turn it into a png document using:

Code:
```
convert 4pages_per_side.pdf 4pages_per_side.png
```

Adv Reply

November 30th, 2011

#9

rocksockdoc
Cookies and cream

Join Date:
Aug 2010

Beans:
407

Distro:
Ubuntu 10.04 Lucid Lynx

Re: Convert PDF to JPG or PNG?

> 👥 Originally Posted by **Dewni** 🖼
>
> *This answer might be a bit late, but perhaps good for the archive.*

I just want to say thanks for adding answers 'for the archive'!

Googling brought me here to find out how to convert, rotate, and resize a PDF to JPG without losing the quality of the results (the key being keeping the quality to a reasonable level).

These three commands came in useful:

To convert a PDF to PNG with reasonable quality:
convert -density 300 file.pdf file.png

To rotate a PDF:
pdftk nonrotated.pdf cat 1-endW output rotated.pdf

To size a PDF to a desired size (this example is A4 but I would want 8.5x11):
gs -dNOPAUSE -dBATCH -sDEVICE=pdfwrite -sPAPERSIZE=a4 -sOutputFile=output.pdf input.ps

↩ **Adv Reply**

📄 February 7th, 2012   **#10**

PALLAVI MANIK MANE 👤
First Cup of Ubuntu

🫘 🫘 🫘 🫘 🫘

Join Date:
Feb 2012

Beans:
1

Re: Convert PDF to JPG or PNG?

Thank you it really worked for converting and size as well.
Thanks all 😃

↩ **Adv Reply**

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