

# ImageMagick Resources

ImageMagick is a set of command line tools that usually comes standard with Linux distributions.

<http://www.imagemagick.org/script/index.php>

## Make thumbnail images of posters from PDF files

<2015.6.26>

On the Linux/Cygwin/OS X command line:

```
$ convert -thumbnail 300 Cate_Brown_Roldan_SfN_2014_FINAL.pdf  
outputFileName.png
```

To create thumbnail image of one page of a multi-page PDF file (like a journal article):

```
$ convert -thumbnail pdfFileName.pdf[0] outputFileName.png
```

[0] is for first page, [1] for second, etc.

## Crop images using command line

<2016-01-08>

Anthony did this to crop an SPM rWLS residual time series figure (blank except for the very bottom) using command line tool ImageMagick (“convert”).

```
convert rwls_residual_time_series.png -gravity South -crop 0x30%+0+0  
rwls_residual_time_series_crop.png
```

This means: “Crop from bottom up (-gravity South) leaving all width and removing 30% of height (0x30%+0+0)”

Got advice from this and related pages:

[http://www.imagemagick.org/Usage/crop/#crop\\_gravity](http://www.imagemagick.org/Usage/crop/#crop_gravity)

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<https://wiki.anthonycate.org/> - **Visual Cognitive Neuroscience**

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