# 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 seriers 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

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

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Last update: **2019/05/22 20:08**