



Imagemagick

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Imagemagick is an open-source command-line utility for editing and manipulating images.

The Archives uses Imagemagick mainly to manually convert files from one format to another. The most common use case is when you have a set of original images or preservation copies in tiff format and want to create smaller access copies (jpgs) outside Archivematica to send to researchers or the donor.

^ Installation

Install Imagemagick with homebrew (Mac users).

- You will need administrator access to your computer to install the software.

Open Terminal and enter the following command:

```
brew install imagemagick
```

No special configuration is needed.

^ Convert a single tiff to jpg

1. Open a Terminal window.
2. Convert file by specifying name + extension of new file.

```
convert /path/to/file.tif /path/to/file.jpg
```

^ Convert a folder of tiffs to jpg

1. Open Terminal

2. Change directory to folder containing tifs

```
cd /path/to/folder
```

3. Create a jpg sub-folder

```
mkdir jpg
```

4. Create jpgs to sub-folder

```
magick mogrify -path /path/to/output/dir -format jpg *.tif
```

5. Change directory to jpg folder

```
cd /path/to/jpg/folder
```

6. Reduce size of jpgs

```
magick mogrify -resize 50% *.jpg
```

^ Links

Imagemagick website:

- <https://imagemagick.org/>