golem Alpha III Hackathon

Go le’ Machin

VON DEUTSCHKLUB

Go Le'M Photo Processing on

localhost:3001

go Le'M

Enjoy your snapshots when they're RECOLORED and more!

Go Le'M Photo Processing on

localhost:3001

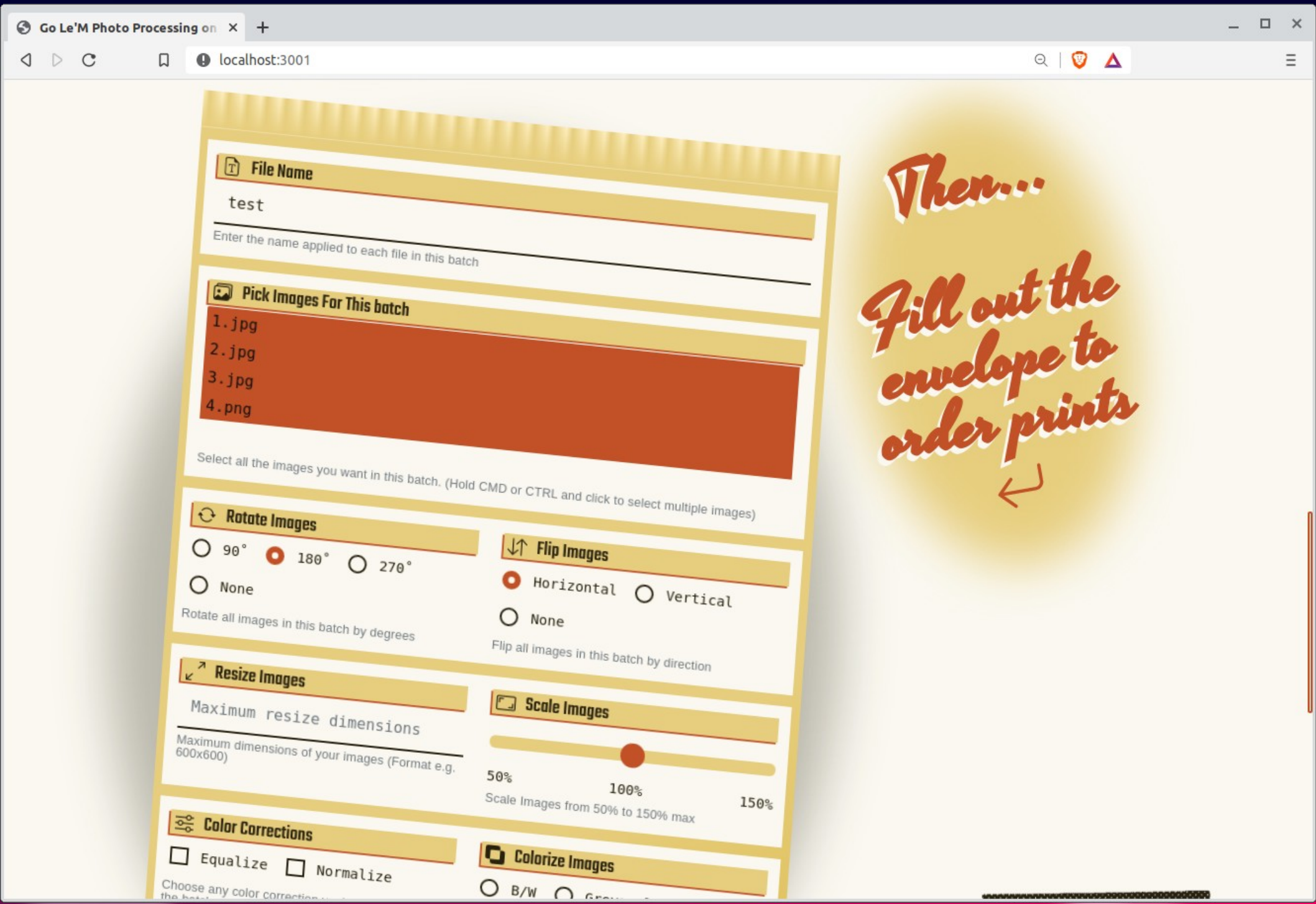
Transform your photos with go Le'M

go Le'M (go Le' Machin) uses the power of the golem network and decentralized computing to rapidly transform images. With it, you can –

- rotate, flip, and resize
- color correct your images
- rename images
- add color filters like sepiatone or greyscale

either individually, all at once, or in separate batches. go Le'M will then send back an archive with all your new images.

Start by adding some photos!


Go Le'M Photo Processing on
localhost:3001
File Name
test
Enter the name applied to each file in this batch
Pick Images For This batch
1.jpg
2.jpg
3.jpg
4.png
Select all the images you want in this batch. (Hold CMD or CTRL and click to select multiple images)
Rotate Images
90°
180°
270°
None
Rotate all images in this batch by degrees
Flip Images
Horizontal
Vertical
None
Flip all images in this batch by direction
Resize Images
Maximum resize dimensions
Maximum dimensions of your images (Format e.g. 600x600)
Scale Images
50%
100%
150%
Scale Images from 50% to 150% max
Color Corrections
Equalize
Normalize
Colorize Images
B/W
Then...
Fill out the envelope to order prints

Go Le'M Photo Processing on

localhost:3001

Normalize

Choose any color correction you'd like to perform on the batch.

B/W Greyscale Sepia

None

Choose an colorization option for the batch

Order Prints

Prints while you wait!
Pick up below when they're finished

test

Get Prints!

Summary

- Go le' M. is a web based bulk image editor that uses the golem network for doing the work
- It allows users to upload multiple images and apply bulk actions to them, including:
  - Rotate
  - Resize
  - Color Correction
  - Flip
  - Scale
  - Colorize
- Results are returned in single archive file

How It Works

- The user can upload images and selects the desired manipulations
- When ready, the user clicks “Order Prints” to send the job for processing
- The user can see the progress of the job from Negotiation to Complete
- The user can download files retrieved from the golem node

Potential Features

- Support for multiple sub-jobs in a single batch
- Support for larger data sets
- Support for reading & writing files from:
  - HTTPS
  - WebDAV
  - AWS
  - IPFS

Team & Links

- Mike Cross
  - Front-end
- Derek Jarvis
  - Back-end

https://github.com/DEUTSCHKLUB/go-le-m

https://go-le-m.dcompute.xyz