

# UploadX

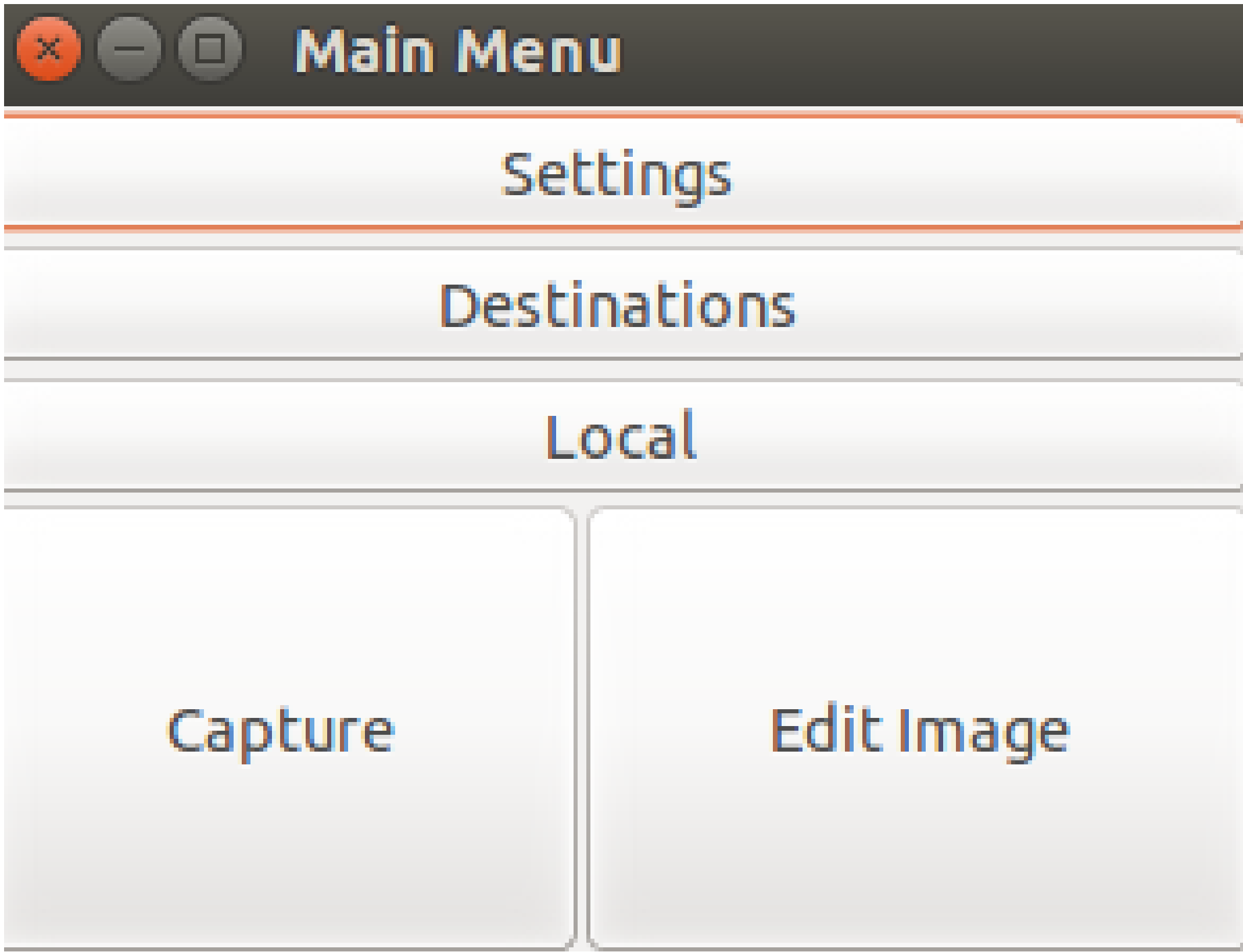
Software Design 2015

## What It Does

UploadX is an image sharing program that offers a streamlined process for taking computer screenshots and uploading them to social media sites. With a single hotkey press, UploadX captures your screen, upload the image to the social media site of your choice, and copies the link of the image into your clipboard. It also offers the ability to edit your captured image, if you would like to doodle before you upload. The same can be done for locally stored files.

## Inspiration

UploadX is an attempt to create a Linux variant of the popular ShareX image capture program on Windows. We tried to replicate the ease-of-use of ShareX in our own Python-based image uploader.

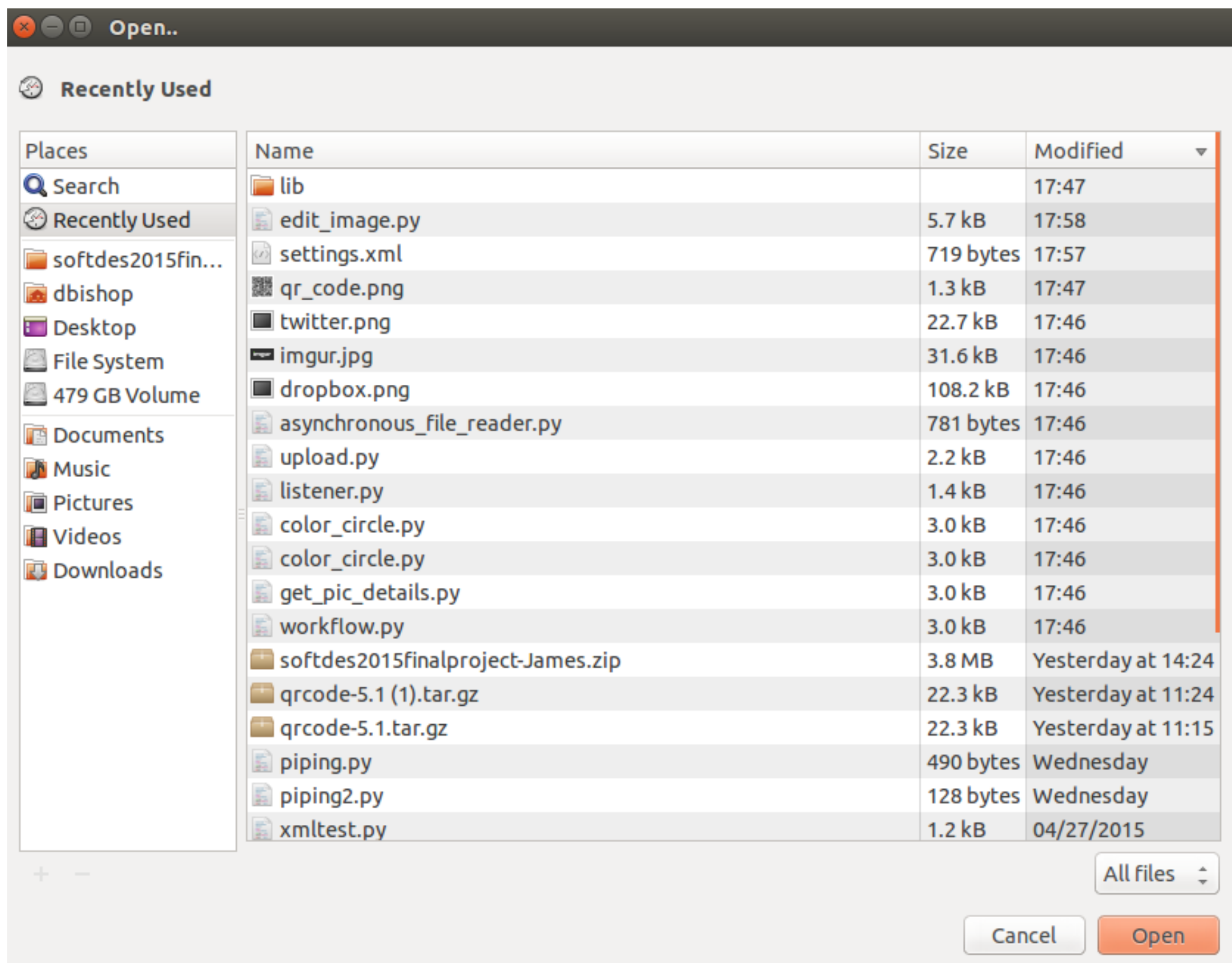
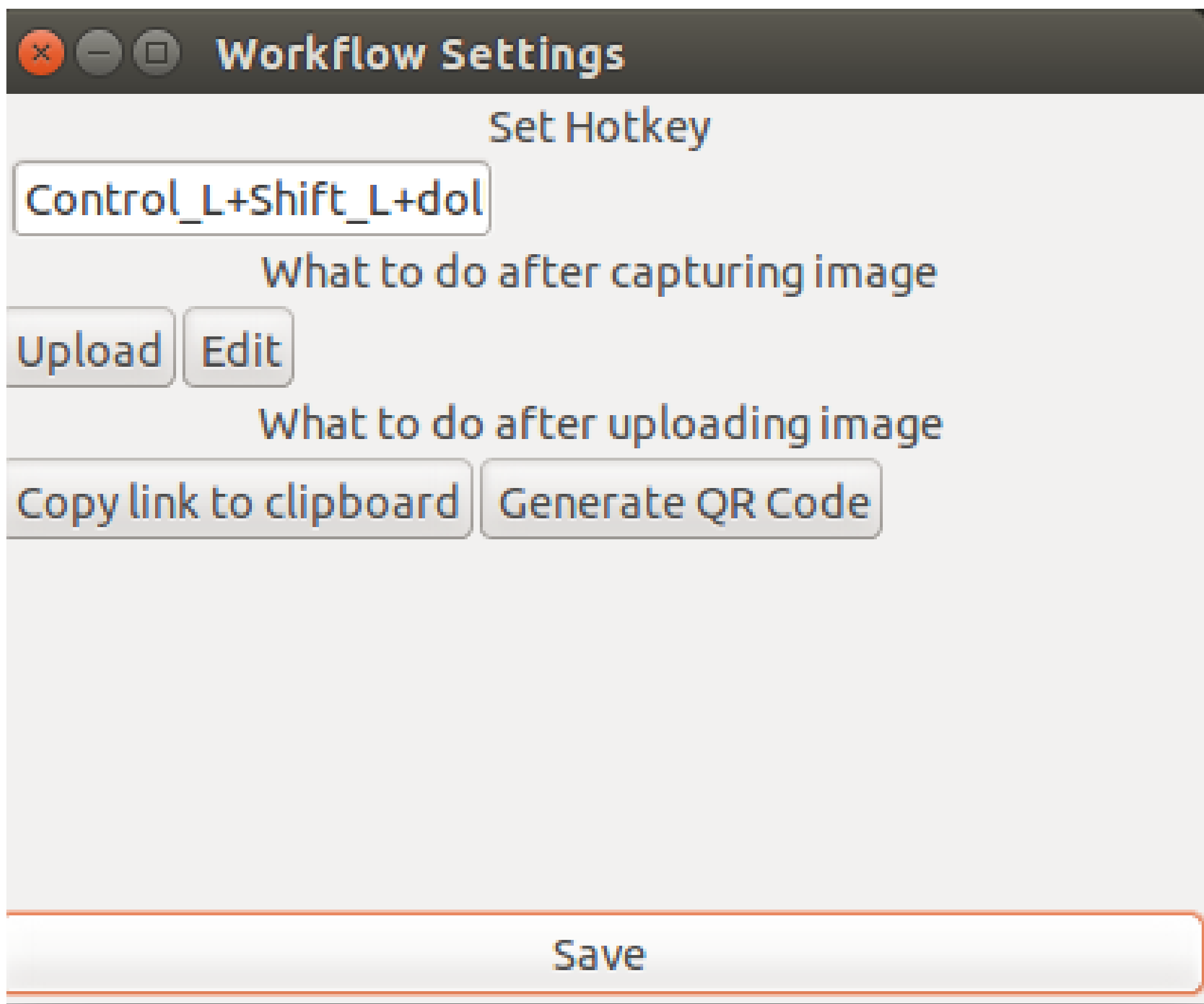
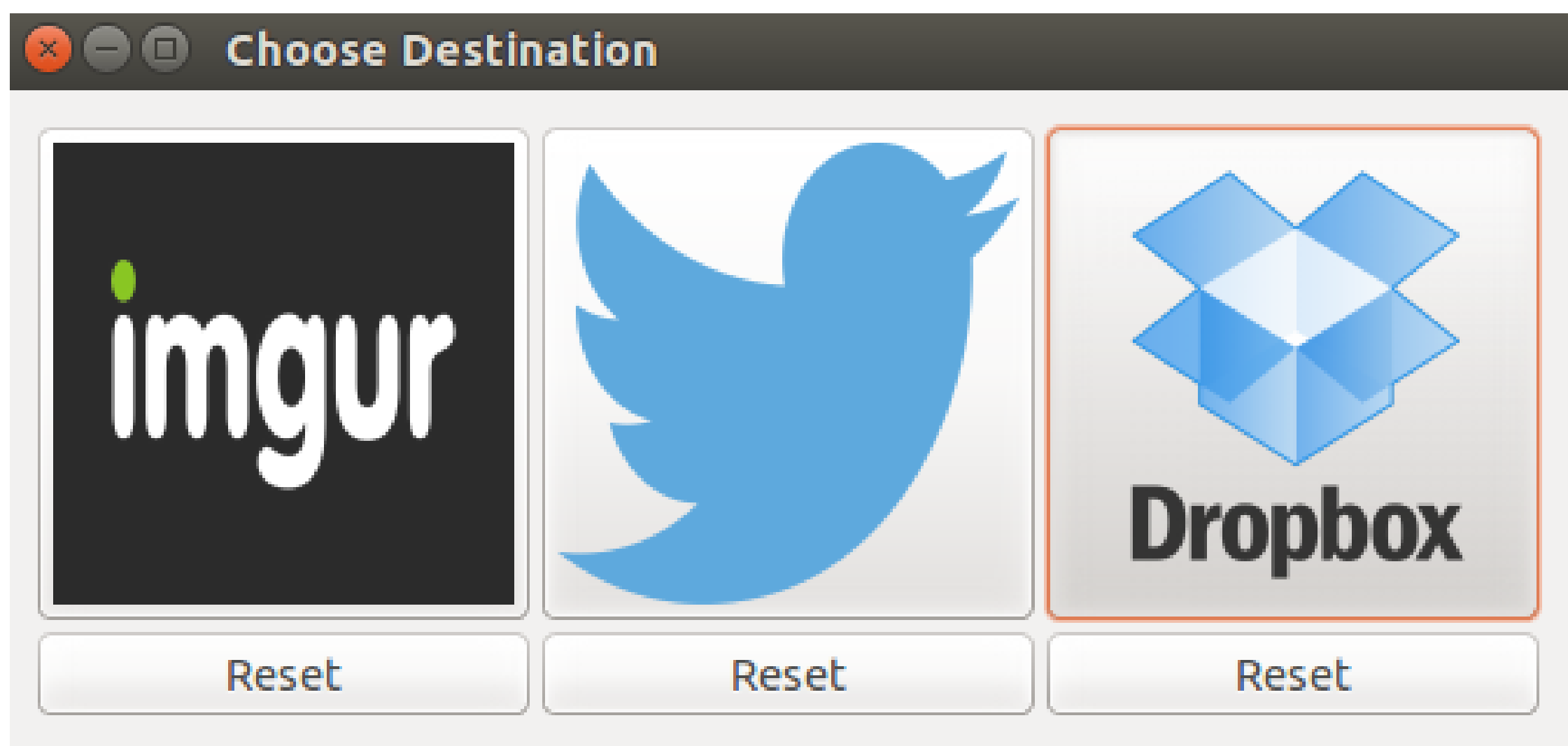


## What Is a Workflow?

A workflow is comprised of a hotkey, a list of upload destinations, a capture method, post-capture functions, and and post-upload functions. Each component of a workflow is customizable so that the user can create the most efficient and preferable capture processes and multiple workflows can be created to suit the user's needs.

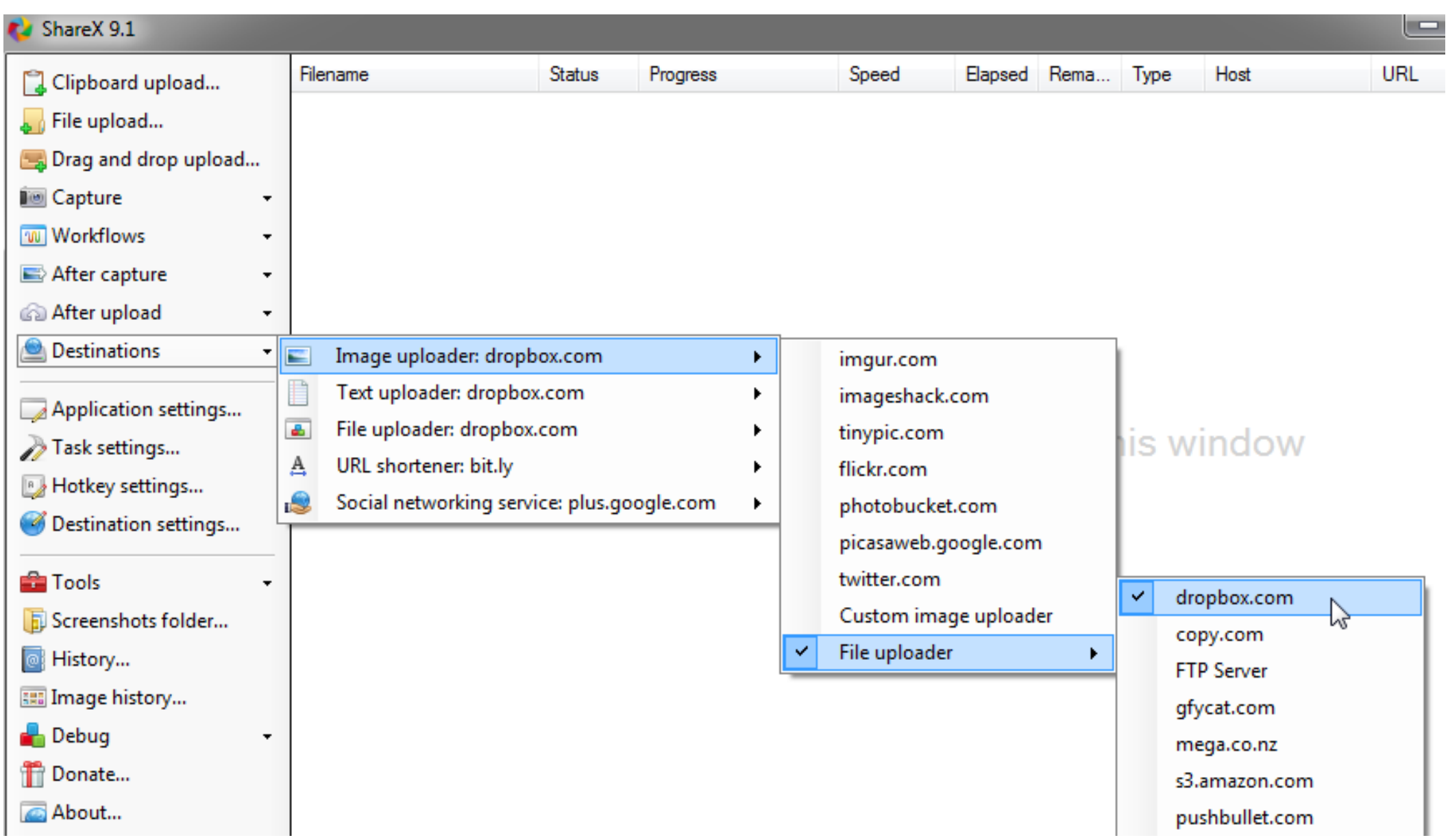
## Usage

If you want to upload an image of your screen with UploadX, you simply press your hotkey combination and UploadX will start the capture process. Your screen becomes slightly opaque and you drag your cursor over the rectangular section of the screen you would like to capture. Afterwards, you may edit the image with simple drawings if you choose to do so, and then choose which social media service to upload to. The link to the web page containing your image is then copied into your clipboard so that you can immediately share it with friends.



## Expandability

- Our goals for future iterations:
- add support for multiple workflows
  - more destinations for uploads
  - .gif capture
  - url shortening
  - our own file hosting
  - more detailed options



## Dependencies

- pyxhook: for listening to hotkey presses
- imgurpython: imgur integration
- dropbox-python-sdk-2.2.0: dropbox integration
- TweetPony: Twitter integration
- qrcode-5.1: for QR code generation, useful for creating scannable links