Clipdrop Cleanup

Description

Clipdrop Cleanup allows you to remove specific parts of an image by providing 2 images in a Enfocus Switch job folder. The first image (JPG or PNG) is the original image to be modified, and the other image is a black and white PNG image with identical resolution that defines a (coarse) mask where white image areas define the parts of the image to be removed from the original image

The parts of the image that are removed according to the mask are replaced by suitable background colors and structures that fit seamlessly and harmoniously into the overall image using highly advanced algorithms based on *artificial intelligence*.

The app makes use of the payable REST API from Clipdrop.co.

Compatibility

Switch 2022 Fall and higher.

Compatibility third-party applications

Clipdrop REST API.

Connections

This app needs one incoming and an outgoing connection. The incoming one should deliver a Switch job folder which contains 2 matching images. The first is the image file to be changed. It must be a PNG or JPG image with a maximum resolution of 16 megapixels and a max file size of 30 Mb.

The second image should be a PNG, and should have the same resolution as the original image and a max file size of 30 Mb.

The mask should be black and white with no grey pixels (e.g. values of only 0 or 255), the value of 0 indicating a pixel to keep as is and 255 a pixel to 'clean up'.

By default, the mask image should be recognizable by a unique file name suffix like "_mask".

Properties detailed info

Flow elements properties

- API key
  A valid API key generated from within your Clipdrop user account.
- Image file name scheme
  A regular expression which describes the file name scheme of the JPG or PNG image within the job folder which should get processed.
  The default value of (.+)\.(?:png|jpg) uses the whole file name of a PNG or JPG image without its extension.

- Mask file name scheme
  A regular expression which describes the file name scheme of the PNG mask image within the job folder which defines the image area(s) to be cleaned.
  The default value of (.+)_mask\.png expects a mask image file name with the same base file name as the image file plus the suffix "_mask".
  If the image file name is "bird.jpg" then the matching mask image file name should be "bird_mask.png".
  If image and mask file names don't match the job folder is moved to the Problem jobs folder.

- File name suffix
  An optional file name suffix which forms the name of the generated image file together with the job folder name.