Clipdrop Image upscale

Description
Clipdrop Image upscale allows you to enhance and upscale your PNG, JPEG or WebP images up to 4096 x 4096 pixels in sync execution mode and 16384 x 16384 pixels in async execution mode. The upscaling is done by state-of-the-art algorithms based on *artificial intelligence* developed by *stability.ai*.
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 one or more TrafficLight outgoing connections. The incoming one should deliver a low resolution/low quality PNG, WEBP or JPG image.
The Data on Success outgoing connection delivers the upscaled and enhanced image in WEBP format if the original image contains transparency, or in JPEG if it does not.
If the input image specifications (see above) are not met the original image is moved via the Data on Error outgoing connection.

Properties detailed info

Flow elements properties
- API key
  A valid API key generated from within your Clipdrop user account.

- Execution mode
  Either "sync" or "async". Async mode takes more time than sync mode but allows higher output resolutions (16k vs. 4k) and the selection of an upscaling strategy (see below).

- Target width
  Numeric value which defines the pixel width of the optimized output image. The maximum value is 4096 in "sync" mode and 16384 in "async" execution mode.

- Target height
  Numeric value which defines the pixel height of the optimized output image. The maximum value is 4096 in "sync" mode and 16384 in "async" execution mode.

- Upscaling strategy
  Can be either "smooth" or "detailed". Which strategy is the right one depends on the image content und use case. This property is only available in "async" execution mode.

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