

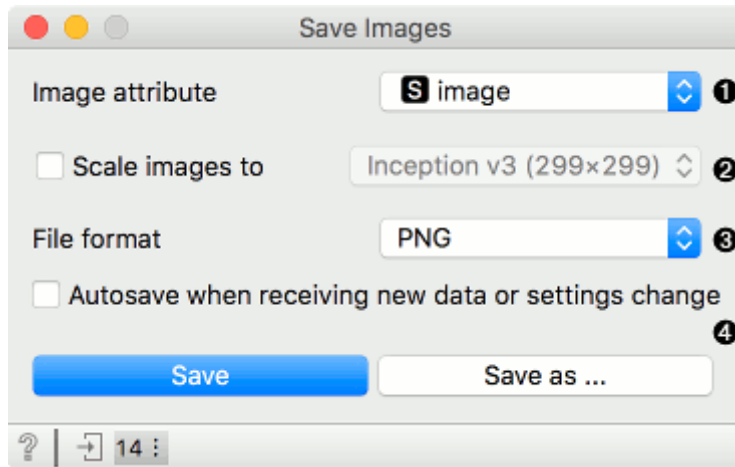
Save Images

Save images in the directory structure.

Inputs

- Data: images to save.

Save Images is a simple widget that saves images sent to its input. Images will be saved as separate files in their own directory. When a class is present in the data, images will be saved in subdirectories based on the class variable.



1. Attribute containing the path to the image.
2. If *Scale images to* is ticked, images will be resized to the size used in the selected embedder:
 - Inception v3: 299x299
 - SqueezeNet: 227x227
 - VGG-16: 224x224
 - VGG-19: 224x224
 - Painters: 256x256
 - DeepLoc: 64x64
 - openface: 256x256
3. File format to save images in. See the next section for information on supported formats.
4. If *Autosave when receiving new data or settings change* is on, images will be saved upon every change. *Save* will save images, while *Save as...* enables the user to set the name and the folder where to save the images.

Supported Formats

Save Images can save images in the following formats:

- .png
- .jpeg
- .gif
- .tiff
- .pdf
- .bmp
- .eps
- .ico

Example

Here is a simple example how to use **Save Images**. We loaded 14 paintings from Picasso, sent them to **Image Embedding** using *Painters* embedder, then to **Distances** using cosine distance and finally to **Hierarchical Clustering** to construct a dendrogram. Then we selected a cluster from the plot and saved the images belonging to the selected cluster with **Save Images**.

Orange Data Mining workflow showing the process of saving images:

- Import Images
- Image Embedding
- Distances
- Hierarchical Clustering
- Save Images

The Hierarchical Clustering widget is configured with the following settings:

- Linkage: Ward
- Annotations: Enumeration
- Pruning: ☒ None, Max depth: 10, ☒ Send Automatically
- Selection: ☒ Manual, Height ratio: 75.0%, Top N: 3
- Zoom: [Slider]

The Hierarchical Clustering widget displays a dendrogram showing the clustering of 15 data points (labeled 0 to 14). The x-axis represents distance, ranging from 0 to 0.9. A cluster labeled C1 is highlighted in blue, encompassing data points 10, 1, 3, 11, 7, and 14.

The Save Images widget is configured with the following settings:

- Image attribute: image
- Scale images to: ☐ Inception v3 (299×299)
- File format: PNG
- Autosave when receiving new data or settings change: ☐
- Buttons: Save, Save as ...