

Lossless JPEG Transform Action

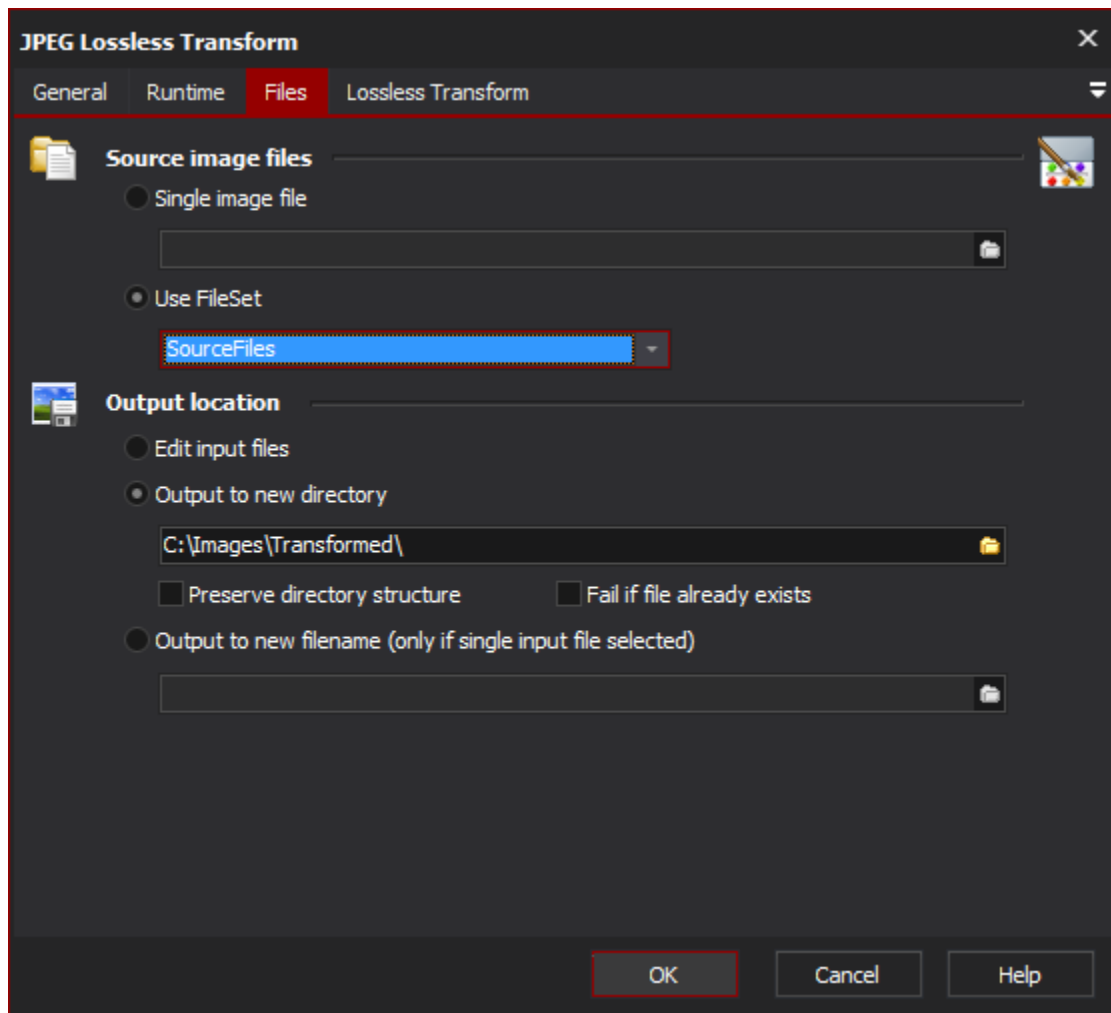
[Automise Professional Edition]

The Lossless JPEG Transform action is used to perform certain transform operations on JPEG files without any loss of information.

Normally, simply opening and saving a JPEG file (even without performing any manipulation of the image) will result in the file being re-encoded which will result in loss of information as the JPEG algorithm is lossy - see and .

The types of operations which can be performed by this action are as follows:

Files



Source image files

Single image file

Use fileset

The Image Manipulation action can either use a [FileSet Define](#) action.

Output Location

There are three options for the output of the image once it has been manipulated in some way:

Edit Input Files

This option will operate directly on the source images and no backups will be created. Any operation performed on the images cannot be undone, so be careful! If you have chosen to save in a different output format, then this option will create a new file if the file type differs from the source file.

Output to New Directory

This option will leave your source files untouched, and will create new files in the chosen directory. The preserve output directory option can be useful when using a FileSet that includes multiple directories - the directory structure of the source files will be recreated under the new directory. Only the directories deeper than the Base Directory in the FileSet will be recreated. The Fail if File already exists option will abort the action if the output file already exists and files already processed will remain.

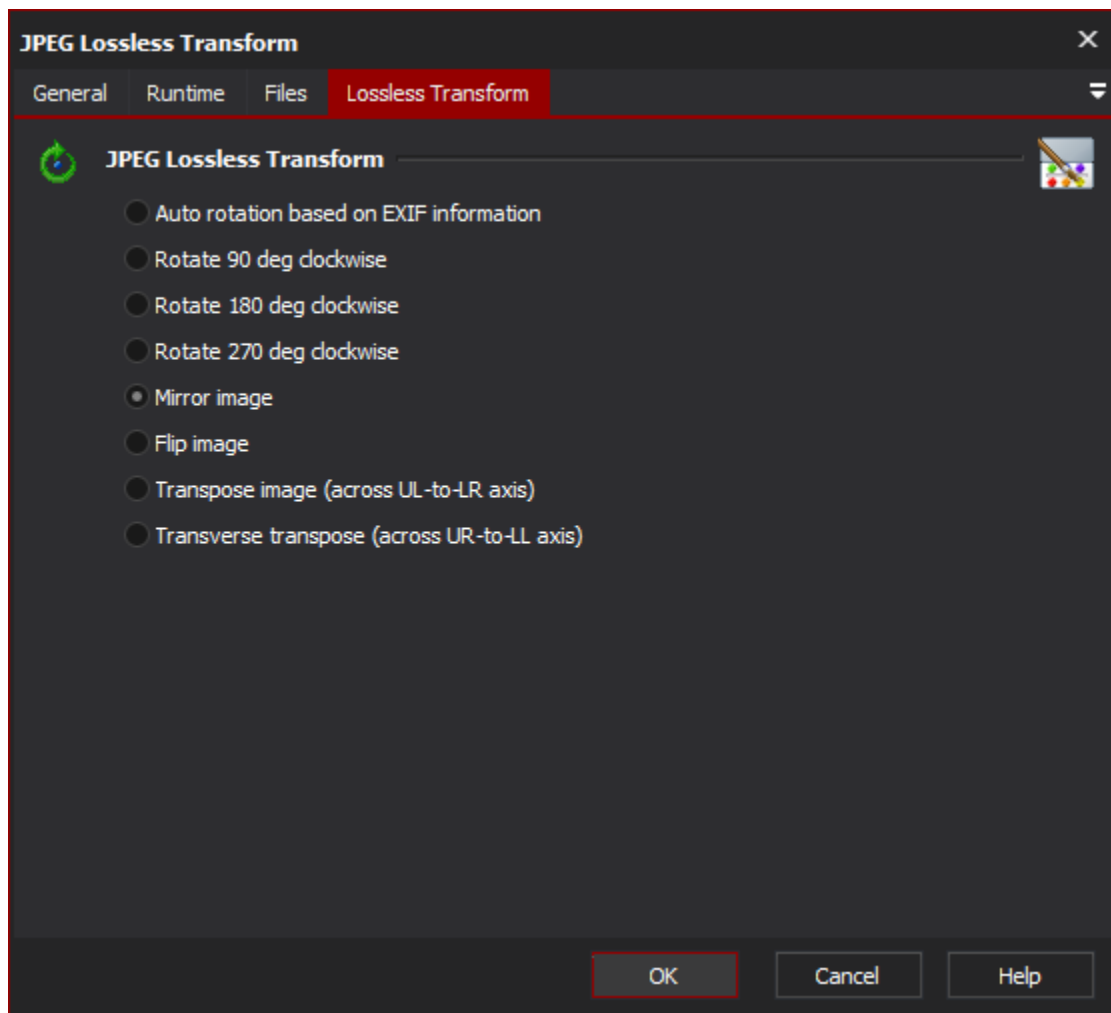
Preserve directory structure

Fail if file already exists

Output to New File Name

This option can only be used when the source image is a single file. This option allows you to rename the output file. The extension will be generated automatically depending on the output format chosen.

Lossless transformation



Auto Rotation JPG based on EXIF orientation

Most modern digital cameras can record the orientation of the camera when the photo was taken, and they record this information in the JPEG file in the EXIF properties. Using this option an automatic lossless rotation can be performed on the photo so that viewing the photo in any application will always display the photo with the correct orientation. The EXIF orientation flag is also changed so that no other automatic rotation will be performed (by this action or another application). For example, if the photo was taken in portrait, with the camera rotated 90 degrees clockwise, then the photo will automatically be rotated 90 degrees.

Rotate 90 deg clockwise

Perform a lossless 90 degrees clockwise rotation

Rotate 180 deg clockwise

Perform a lossless 180 degrees clockwise rotation

Rotate 270 deg clockwise

Perform a lossless 270 degrees clockwise rotation

Mirror Image

Perform a lossless horizontal flip

Flip Image

Perform a lossless vertical flip

Transpose Image

Mirror image across upper left to lower right axis. Same as horizontal flip and then 270 degree rotate

Transverse Transpose

Mirror image across upper right to lower left axis. Same as horizontal flip and then 90 degree rotate