IMAGE COMPARATOR
for Photoshop by RONC ©2018
Version 2 08Jul2018   (E-MAIL)

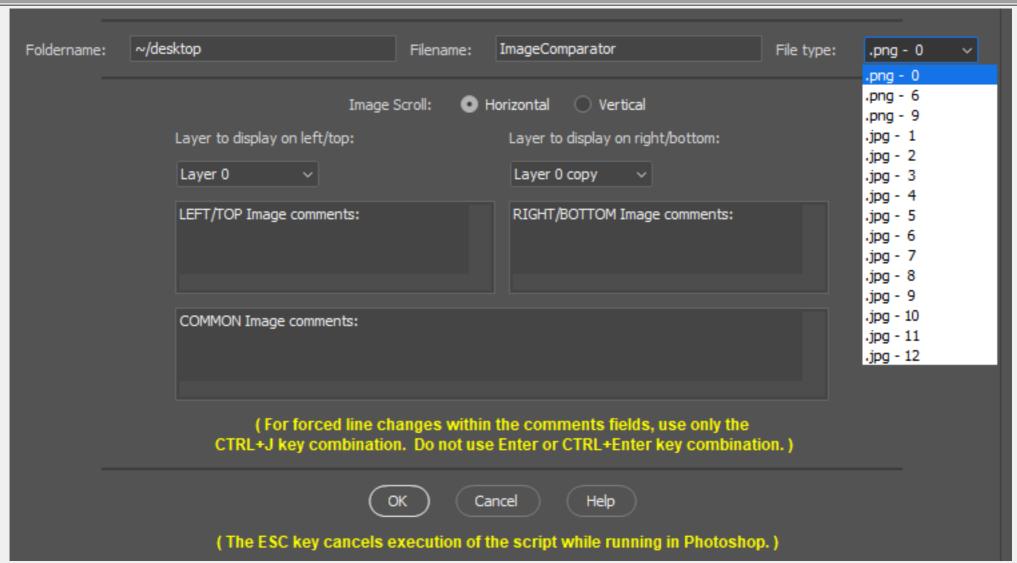## PHOTOSHOP SCRIPTS   by RONC

IMAGE COMPARATOR - The user selects two layers (images) which are desired to be compared. These images will then usually be written as PNG (24 bits/pixel) files or JPG files. A webpage is then provided to aid in visually comparing the images within an Internet browser by scrolling one image over the other. Typically all layers will be available but the script will ignore those layers that the user turned off their visiblity in Photoshop before the script execution. Input can be 8, 16, and 32 bit with the output limited to 8 bit per color because of the Internet browser limits. The PNG files are the best at preserving the images for Internet use as there is no compression applied. Often larger files input are needed so JPG files can be used but don't use for Pixel-Peeping.

INPUT IMAGES

The input must be a multi-layered file containing the images for comparing as layers.
Images for comparison must share the same dimensions and be ALIGNED. The image dimensions are best if like most print size and limited to the size of the device being used to view them. Smaller sizes (say 900x600) are best if one expects to scroll quickly and fits most laptop screens with much larger sizes (say 1500x1000) scroll slower. Files as large as 7500x5000 are viewable because scrollbars are available in the browser.
Previous processing of the images should be parallel as possible and saved to files using non-compression formats like - psd/psb, tif or png24.

USAGE PARAMETERS

OUTPUT FOLDERNAME/FILENAME

FOLDERNAME - Location where to place images and web page. Desktop is DEFAULT.
FILENAME - Base filename for images and web page. ImageComparator is the DEFAULT. ImageComparatorLeft.png, ImageComparatorRight.png, and ImageComparatorLeft.html. FILE Type - The file type can be either PNG (three compaction levels lossless) or JPG (12 levels of compression but lossy). Settings are: png - 0, 6, and 9 or jpg - 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, and 12.

IMAGE SCROLL (HORIZONTAL/VERTICAL)

HORIZONTAL - Left-right scrolling.
VERTICAL - Top-bottom scrolling.

INPUT IMAGES and USER COMMENTS

LAYERNAME LEFT - Select a layer from the dropdown list for left image.
LAYERNAME RIGHT - Select a layer from the dropdown list for right image.
COMMENTS LEFT - Comments to describe the left image's difference from the right one.
COMMENTS RIGHT - Comments to describe the right image's difference from the left one.
COMMENTS COMMON - Comments to describe those those the images share in common.
  To change lines within the comments fields, use only the CTRL+J key combination.
  Do not use Enter or CTRL+Enter key combination.
  The output should be displayed at 100% or larger on LCD screens.
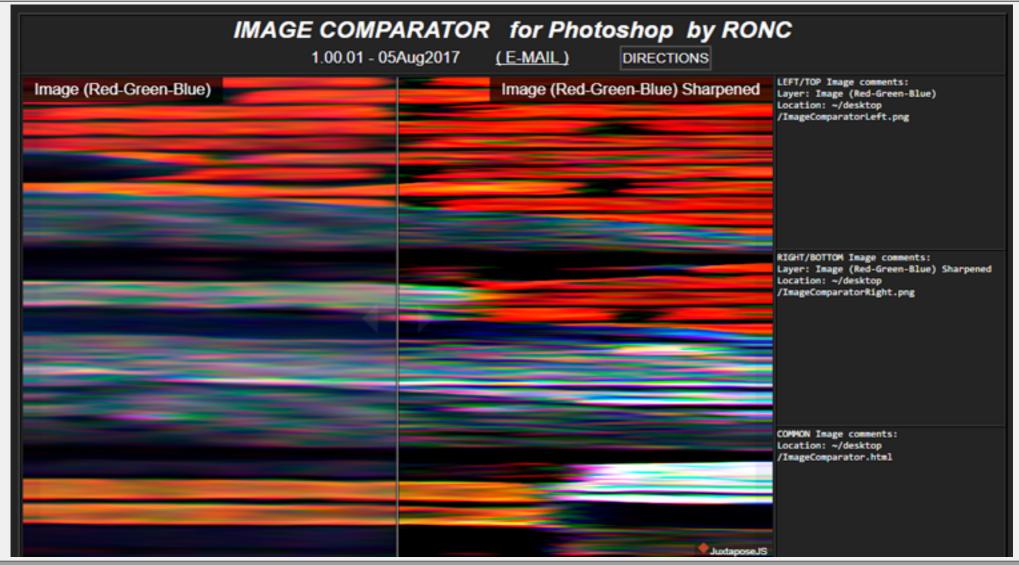
OK/CANCEL/HELP

OK - Start script execution using parameters set in the above fields.
CANCEL - Cancel the use of the script before running and return to Photoshop.
  The ESC key cancels execution of the script while running in Photoshop.
HELP - Open the PDF help file.

RECOMMENDED SCRIPT USAGE

The output should be displayed at 100% or larger on LCD screens.

EXECUTION OUTPUT

INSTALLATION/REMOVAL

This script should work on Photoshop versions CS6 and CC onwards and for both Windows and MAC.
Might also work with Photoshop Elements. Someone should try it. Please.

The Script filename is IMAGE COMPARATOR.jsxbin and will be loaded to a folder with mostly *.jsx files.
The Help filename is IMAGE_COMPARATOR-HELPv2.pdf and should be placed in the same folder as the Script file.

MAC OS X foldername:	WINDOWS 10 foldername:
PSCC 2018:	PSCC 2018:
Users/[username]/Library/Preferences/Adobe Photoshop CC 2018 Settings	C:\Program Files\Adobe\Adobe Photoshop CC 2018\Presets\Script
PSCS6:	
Users/[username]/Library/Preferences/Adobe Photoshop CS6 Settings	

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