Cope Howto

The COPE (Capture One Processing Engine) package is a command line tool where image can be developed like in Capture One, without the user interface. The Capabilities of COPE is identical to Capture One - with a few exceptions.

The list of settings to be applied to the image, or set of images, is found in the table below.

The syntax of COPE is given in table for below.

Example of processing a single file in Cope:

>cope "rawimage.iiq" "convertedimage.tif" -outputformat=tif - kelvin=6000 -clarity=25 -shadowRecovery=10 - saturation=8 -bits=16

Example of processing all tif(raw) files in a specific directory at scale 0.5 (windows cmd):

>for %d in ("C:\RAW\TestImages*.tif") do cope "%d" "%dout.tif" - outputformat=tif -scale=0.5

Syntax :

COPE <input> <output>

  <> : required value

  [] : optional value

  n : integer number

  f : floating point number

Options :

Name	Default	Range	Notes
[-outputprofile=<file>]	Adobe98		
[-outputformat=<val>]	tif	"jpg" or "tif"	
[-jpgquality=<n>]	100 (max)	0..100	

[-tifcompresion=\<val\>]	none	"none","lzw" or "zip"	
[-resolution=\<n\>]	300	?	
[-resolutionunit=\<val\>]	inch	"inch" or "cm"	
[-bits=\<n\>]	8	8 or 16	
[-inputprofile=\<file\>]	Camera specific		
["-filmcurve=\<name\>"]	Camera specific		Use quotes since the names contain spaces
[-scale=\<f\>]	1.0	0.1 to 2.5	
[-kelvin=\<f\>]	as shot	800 to 14000	
[-tint=\<f\>]	as shot	-50 to 50	
[-exposure=\<f\>]	0.0	-2.5 to 2.5	
[-brightness=\<f\>]	0.0	-50 to 50	
[-contrast=\<f\>]	0.0	-50 to 50	
[-saturation=\<f\>]	0.0	-100 to 100	
[-levelHighlight=\<f\>]	1.0	0.0 to 1.0	
[-levelShadow=\<f\>]	0.0	0.0 to 1.0	
[-targetHighlight=\<f\>]	1.0	0.0 to 1.0	
[-targetShadow=\<f\>]	0.0	0.0 to 1.0	
[-midtone=\<f\>]	0.0	0.0 to 1.0	
[-highlightRecovery=\<f\>]	0	0 to 100	
[-shadowRecovery=\<f\>]	0	0 to 100	
[-clarity=\<f\>]	0	0 to 100	
[-CNRAmount=\<f\>]	Camera specific	0 to 100	

[-noiseReductionAmount=<f>]	Camera specific	0 to 100	
[-USMAmount=<f>]	Camera specific	0 to 1000	
[-USMRadius=<f>]	Camera specific	0.2 to 2.5	
[-USMThreshold=<f>]	Camera specific	0.0 to 12.0	
[-moireAmount=<f>]	0	0 to 100	
[-moireRadius=<f>]	8	0 to 80	
[-lcc=<file>]	none		