



Editing Software Environment
(General Statement)

- Use Parametric Image Editing P.I.E. (*non-destructive processing*)
- use P.I.E. editing when possible.
 - Open files as “smart objects”
- Work in the largest color space

...know your software!

“4 Phases” Software Considerations
“not software specific”

- “Global” & “Selective” adjustments
- Pixel Replacement
- maintain P.I.E throughout process
- support Camera Specific Defaults
- nondestructive plug-in
- “1 Master File”... many “tmp” output files

“Freedom from Process”/The Importance of Procedure

A procedure is a set of defined steps needed to complete a given task...

A lot of photographers do not look favorably at procedures.

They are concerned that procedures are too rigid, too limiting, hampers creativity.

Actually, it is quite the contrary.

There may be no better example than Ansel Adams’ intricate Zone System.

Yet, few can dispute the visual expression of his photographs.

Adams’ system allowed him to better express his (Artist’s/Artistic) Vision.

The importance of process to successfully express your Artist’s Vision cannot be overstated.

[Phase 0] “Capture”

- Exposure Trio: [+1]
 - *f/stop; Shutter Speed; ISO*
 - [+] *depth map*¹
- Moment of Capture [MOC]
- Processing Consideration of Capture
 - The Optimum Digital Exposure (TODE)
 - File format: JPEG vs. raw
 - JPG camera setting

[Phase 2] “Global”

(Adjustments beyond standard Camera defaults)

- “AutoTone” (Color/B&W)
 - ...“Intelligent”/Adaptive Technology

START with most troubling

- Exposure or White Balance or Crop*
 - *effects AutoTone

NEXT most troubling or important

- Contrast; Highlights; Shadows; White & Black points
- Other “Basic” Considerations:
 - Texture; Clarity; Dehaze
 - Vibrance; Saturation
- More Considerations:
 - Tone Curve –Global (*basic*)
 - Sharpness and Noise Reduction
 - *Texture; Clarity; Detail interplay*
 - Lens Correction
 - Transform
 - Auto; “Guided”
 - Manual:
 - Aspect Ratio; Scale
 - Vignette “Globally” (*post crop*)
 - Profile: Camera Specific (*or “Default”*)
 - Crop Aspect Ratios: *Standard? Other?*
 - Treatment (*Color or B&W*)

[Phase 3] “Selective”

...It’s all about Selection

- Selective Tools
 - Adjustment Brush
 - Density 100% (*reduce & repaint*)
 - Colorize
 - Linear and Radial Gradients
- “Shaping” Selective area
 - Shape selection “Brush”
 - Relative Adjustment
 - Range Mask
- “Group” Selective Adjustments
 - Crop
 - HSL
 - “Target Adjustment” tool [TAT]
 - HSL (B&W)
 - Tone Curve (*Advanced*)
 - Pixel Replacement (*Parametric*)
 - Red-Eye
 - Spot Removal/Add
- Merge: Panorama & HDR
- Converting to B&W (*using Color data*)
 - Adjust by color value
 - Tone, Auto, Manual
- General:
 - “Multiple Ways” to “Reset”

[Phase 4] “Expressive”

...Production Tips & Techniques

- Histogram “Lab”
- Localized Noise Reduction
- History State
 - change before and after history
- Photoshop [P.I.E.]
 - ...“Photoshop for Photographers”
 - LR /PS Handshake (P.I.E.)
 - Layers:
 - Smart Objects (P.I.E.) vs. Pixel
 - *P.I.E. does not change original data
 - ...maintain as long as possible
 - *Adjustments to Pixels changes data
 - Smart Filters & Plugins
 - Layer Masks (*Selection*)
 - Adjustment Layers
 - Pixel Replacement
 - Stamp/Clone (*Current & Below*)
 - Copy/Cover/Reveal
 - Selection
 - Content Aware
 - Scale, Fill, Move

** Work in the largest color space: “ProPhoto”*

[Phase 1] “Convert” ...“ Digits to Dots”

- Set “Camera-specific” Defaults
- Constants settings used for EVERY image**
 - Lens Correction
 - Sharpness and Noise Reduction
 - Create Custom “Camera Color Profile”

Note: “Defaults” are set by:

> **software** - if shooting Raw

> **camera** - if shooting JPG

[Phase 2&3] “Friendly Pairs”

- Interplay
 - Contrast/Clarity (Texture)
 - Shadows/Black Point
 - Highlights/ White Point
 - Sharpness and Noise Reduction
- Frequency: *Texture; Clarity; Dehaze; Sharpening*

“Photo Review”

- “Editing/Reviewing” Photos
 - 3 Steps:
 - Picks; Keepers; (*break*); Selects
 - Ranking Hierarchy: Flag; Star; Color**

Links:

- Bob D; www.bobdinatale.com; Books on Digital [Processing](#); [Optimum Exposure](#);
- Digital Photography Best Practices and Workflow: www.dpbestflow.org