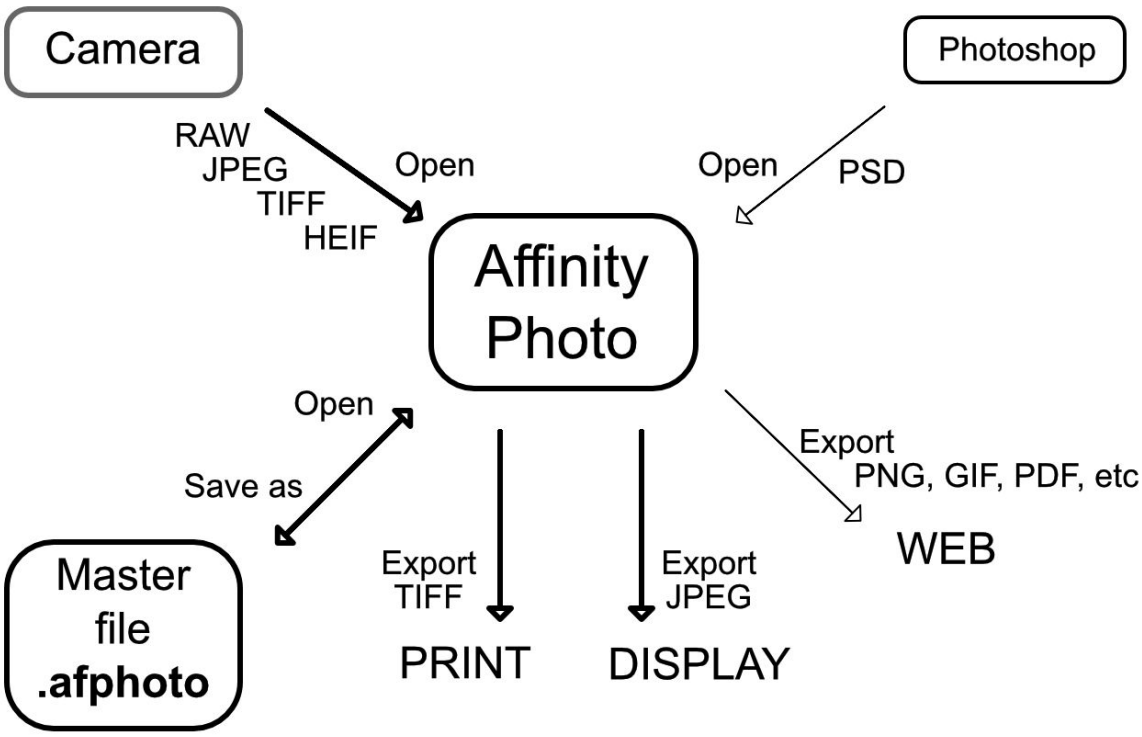
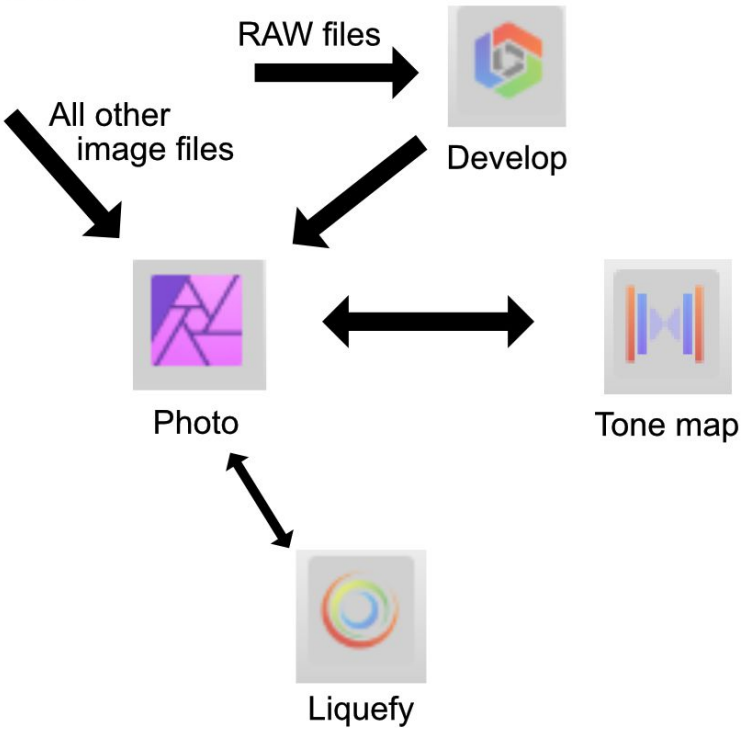


Tynemouth Photographic Society - Digital & Practical Group - November 2019 - Diagram drawn in Affinity Photo

Personas



Tynemouth Photographic Society - Digital & Practical Group - November 2019 - Diagram drawn in Affinity Photo

Tynemouth Photographic Society - Digital & Practical Group - 26th Nov 2019 - Affinity Photo

See the Links tab on tynemouthps.org for the Affinity Photo web site and video tutorials.

1. **File/Open** 01_HuttonInTheForest/IMG_2712.JPG and use **Perspective Tool** to make walls vertical. Look at **EXIF tab**. Use the **Crop Tool** with various aspect ratios. **Apply**.
   File/Save As... Hutton.afphoto

   *Tip: select the **Hand Tool** (key H) between tools, to avoid unexpected behaviour.*

2. **File/Open** 01_HuttonInTheForest/IMG_2712.CR2 (Canon RAW) and see how it differs from the JPG. Look at **Lens tab**. Adjust exposure etc, checking histogram.
   Look at **Shadows & Highlights**. Look at **Tones tab/Curves**.
   Develop the image, to go to **Photo persona**. **File/Export** as Hutton.JPG.

3. (a) **File/New HDR Merge...** **Add** first 3 .JPG files from 01_HuttonInTheForest (2712 – 14, shot as AEB with 2 stops between exposures).
   Unclick **Noise reduction** (not usually needed for JPG). Click **OK**, to start the process.
   Ends up in the **Tone map persona**. Look at choices in the **Tone map** display.
   Try the **Dramatic** setting and then adjust **Local contrast**.
   Apply, to go to **Photo persona**. Export result as Hutton1.TIFF

   HDR = High Dynamic Range.
   AEB = Auto Exposure Bracketing (1 camera click for 3 exposures).

   (b) HDR Merge the second 3 JPG files (2715 – 17). Observe ghostly person who moved. Repeat, this time clicking **Automatically remove ghosts**.
   Use the same settings as before in the **Tone map** and then export as Hutton2.TIFF

4. **File/New Panorama**. **Add** the 2 TIFF files exported from section 3.
   Stitch panorama, then **OK**. **Crop**, just leave missing sky top right. **Apply**.
   Select **Inpainting Brush Tool**. Use **]** key to make its vertical diameter larger than the missing sky. Paint over the missing sky. Save/export as desired.

5. Panoramas need not be horizontal. Try steps 3 and 4 with the files in 02_YorkMinster. (If time is short omit step 3 by using the 2 files in sub-folder AlreadyHDRed.)
   There is a larger set of RAW files to stitch in 03_PanoramaSitges. Use **Tone map persona** on the result, to see that Tone map can be useful on non-HDR images.

6. 04_StudleyRoyal contains 1 JPG to illustrate more extreme perspective correction. You will need to stretch vertically afterwards to make it look realistic. By how much?

7. (a) Open 05_Cheeseburn/IMG_2884.JPG and choose the **Selection Brush Tool**. Drag it around over the sky to select it all. Zoom in (**Ctrl +**) to see that the selection is only approximate. Zoom back out (**Ctrl 0**). Invert the selection and click **Refine...** Change the 50px (near bottom) to about 300 and wipe over the edges of the trees where there is sky between leaves. Also change **Preview** (top right) to **Transparent** and change **Output** (bottom) to **New layer with mask**. Then **Apply** and see the **Layers tab** at right.
   *Invert selection either on **Select** menu or click this icon:*
   (b) Then key **Ctrl M** to get a new adjustment layer for curves to brighten up.

8. **File/New stack...** **Add** the 16 .JPG files in 06_Beach. Click **OK**. It takes a while to process but then the default Median operation loses all moving objects from the scene. Sea waves are blurred. The Layers tab (right) has a drop-down list of the originals and we can try operations other than median: try **Outliers** and be amazed. Zoom in for details. Alt-click any image in the stack to see it individually (can copy unblurred waves from it and paste into finished result).

9. **File/New Batch Job...** **Add** the same 16 files from step 8. Untick **Save as AFPhoto** but tick **Save as TIFF** and alongside that put 1400 and 1050 for width and height.
   Click **Black & White** in the list of macros and **Apply**. Then click **OK** and watch.
   Examine the results. Note that you could have saved as several formats in one go.