

## Stitch Photo to form Panorama

Photoshop is mighty powerful, but not omnipotent. If you want your stitch successful, pay attention to the following when you take those photos for creating panorama.

1. Set lens focal length close to standard (50mm) or moderate wide angle. Avoid super-wide angle lens.
2. Try to level your shots as much as possible, use tripod whenever possible.
3. Stay at the same position to form the same axis when you make turns to capture the photos.
4. Set camera to manual exposure. Use the same exposure setting for all the photos.
5. Set camera's white balance to manual (selected setting) for all photos. Avoid automatic white balance.
6. Set focus to manual (auto focus is okay if you are shooting a scenery from a distance).
7. Overlap photos by less than 50% (half) but more than 20% (1/5). Best result is: 30% - 40%. Not enough overlapping will not work, yet too much overlapping could cause stitching problem.
8. Stitching works well with landscapes and still objects only. Avoid moving people & objects.
9. Stitching a view within 150 degree will yield a better successful rate. I don't have any luck with anything wider than that. If you do, teach me.

Steps for stitching photos:

1. Put all individual photos in one folder and name it as "pano1."
2. Open Photoshop applications.
3. At Menu → File → Automate → Select "Photomerge."
4. At the dialogue box, at Layout: select "Auto." At Source Files, click Use to select Folder. Click "Browse" → look for your "pano1" folder → click "choose" → click "OK." Finally, check "Blend images together."
5. Yeah! In short moment, your panorama is roughly done. Now use "Crop" tool to clean up the four edges by carefully cropping in the image area.
6. Now on Layers palette, click on the little triangle on the top right corner of the Layers palette to "Flatten Image."
7. You can now apply any necessary brightness, color adjustments to the panorama. Save it as "pano1" with your initial attached to the end of the file name.

