

Outline for May 15, 2008 GraphSIG

1. **Greeting – Please Sign In**
 - a. Guest/New Member intro – where did you hear of us?
 - b. Informal – ask questions during presentation

2. **Answers to Previous Questions**
 - a. I had been asked to briefly cover again my approach to taking photos in dim interiors where no flash is allowed and where a tripod is not available.
 - b. Shut me down after 10 minutes so that I have time for the main subject

3. **Levels in Graphic Image Editors**
 - a. We are using PaintShop Pro but many other editors are somewhat similar
 - b. They bring great poser and convenience
 - c. Learning to use them is not difficult at all. Start simple and progress.
 - d. Analogous to laying a transparent sheet over a photo or drawing and painting or drawing on it.

4. **Demo of Basics**
 - a. Open blank image and paint all over it
 - b. Open a Raster Layer on the image – show Layers Palette
 - c. Paint some more on the layer
 - i. Demo changing transparence
 - ii. Demo using Mover tool to move entire layer
 - iii. Demo selection and moving only what's on the layer

5. **Examples of Using Layers**
 - a. Sky Transplants
 - i. Why needed?
 - (1) Drab or washed sky in otherwise nice picture - show Ghent Pano jpg
 - (2) Uneven sky colors after creating a panorama - show Ghent Friday Market pano
 - b. Making Panoramas, Mosaics, Maps, etc
 - c. Writing Text on photos and other graphics
 - d. Giving flexibility when displaying graphics

6. **Demo of Sky Transplant Techniques**
 - a. Open the photo - use the Ghent Pano again.
 - b. Make a careful selection of the sky - depending on picture, this could be very simple or very difficult and tedious
 - i. Clean sharp edges are a snap
 - ii. Many fine details such as wispy hair or leaves add to the work
 - c. Save the final selection to an alpha channel (don't let the name scare you!) and Select None

- d. Search for and open a suitable sky picture
- e. Load the selection saved above onto the sky picture and use the Mover tool and right click to slide the selection over the most suitable section of sky
 - i. If sky picture is not big enough to vilt the selection then just use the Resize tool to make it big enough (and reload the selection)
- f. Save the selected portion of sky to clipboard
 - i. Shift focus to original picture, and Paste as a New Layer - check the Layers palette to see that it is there and is the currently selected layer
- g. Use the Mover tool to slide the sky fragment around untilit perfectly fits the picture
- h. Use the Transparency slider in the Layers palette (or any other editing tools to adjust sky colors to suit you.

7. **Alternative Sky Transplant Techniques**

- a. **1.** Same as above but without loading the sky area selection onto the sky picture
 - i. Duplicate the background layer in picture and, in the Layers palette, select the background layer
 - ii. In the sky picture Select All and save it to clipboard
 - iii. Refocus on original picture and Save as a New Layer. Look in the Layers palette to see that the sky is between the original background and the duplicated one. Set focus on the duplicated (top) layer
 - iv. Click the Delete key and the selected portion of the sky on the top layer disappears and allows the new sky picture layer to show through.
 - v. Refocus on the Sky layer and use the Mover tool to drag it around so that the most interesting part of the sky picture shows through the hole.
- b. **2.** Same as above but without using Layers at all
 - i. After selecting the sky area of the starting photo, open the sky picture next to it
 - ii. Choose the Clone tool and check that you have the clone parameters suitably set as to size, hardness, opacity, etc
 - iii. Right click on the sky picture and then left click within the selected area of the original picture and drag to paint in the sky in the picture. You may want to try different starting points when right clicking and initially left clicking to ensure that you get the most interesting parts of the sky cloned over.

8. **Panoramas, Montages and Text Examples**

- a. Demo some of the techniques used in manually creating panoramas and montages.
- b. Demo some of the techniques in adding text to photos and explain the advantages that using layers brings to the operations, particularly when having to reposition text.

9. **Closing Comments**

- a. Please send questions ahead of time via e-mail
- b. Are there any requests or suggestions for subjects for upcoming GraphSIG sessions?