

Digital Imaging 1

Practice Extract

Practice skills

- Selecting Extract tool to separate foreground from background.
- Make and observe feathered edges.
- Use Extract tools: Clean up and Edge.

Resource Files:

Use images "Eagle" or/and "Gorilla" from Photoshop Samples folder or download from Blackboard. Save images in your folder with initials. To help you with extraction there are QT movies that can be downloaded by clicking on the "Extract" movie on this page: <http://www.austincc.edu/pauler/resources.html>

Procedure:

Extraction Part 1

1. Duplicate the *background* image (drag to bottom of layers palette.) Turn off the *background* and work with duplicate layer.
2. Choose Filter>Extract.
3. Select edge highlighter.
4. Start to trace around the edges of the Eagle, just touching the part you want to keep. *Anything highlighted has potential of being deleted.* Be very careful not to cover areas of the subject you definitely want to keep. It may be deleted.
5. Turn on/off Smart Highlighting checkbox to help limit over-spray on subject. *Use with a background with clean edges. The beak or other hard clear edge is good for "Smart" highlighting. Be sure to turn this feature off when painting soft furry or complex edges.*
6. As you trace edges of the shape. Press the right/left bracket keys to enlarge or decrease brush size. *Use a small brush against hard (like beak of the Eagle) edges, larger brush on softer edges (around fur).*
7. Select eraser. Or to change to eraser with highlighter selected, press Option (Mac) /Alt (PC) key. Erase areas you made too wide or over-spilled.
8. Click paint bucket to fill inside area you want to *keep* with the fill color, blue.
10. Click Preview. By default the image will be displayed on a transparent background. To see the image on a simulated color background, click Display>"Other" from pop up button and choose Matte black, white or other (to pick your own color).
12. Zoom in, and scroll around. Look closely at your image. Verify the results.
14. Use the Edge Touchup tool and/or Clean up tool to clean up and edit areas. These are active in the Preview mode only. Use the Clean up tool to lower opacity of area. Use the Option (Mac) /Alt (PC) key to increase the opacity with the same tool.



Eagle in Preview with black matte.

15. If you want to change something, go back, select original from pop up menu (lower right) in the Extract window. Then, turn on highlighter and fill areas (see check boxes) to see how it was originally selected.
16. Edit with the highlighter and refill again. Reselect Preview. Continue until satisfied.
17. Then click "Ok" to complete extraction.
18. If necessary, clean up the background area using the eraser tool.
19. Save this file with your name/intials to your folder.

Extraction Part 2

1. Try the same thing using the Gorilla. This one will be harder since the foreground and background blend in some areas.
2. The Gorilla, at right, in Preview mode from the Extract dialogue box. You can select any color to be a Matte color, which shows how the image will look against that color of background. Example shows black.
3. Use the Clean up tool to clean up areas. This is available in the Preview mode only. Use the Clean up tool to lower opacity of area that may have been covered up. Use the Option (Mac)/ Alt (PC) key to increase the opacity which adds to the extract "mask".
4. Use the Edge touch up tool to enhance the edges. It tends to sharpen them.
5. When satisfied, click "OK". And save example for check off with instructor.
6. Take one image and add a new layer below the image
7. Fill this layer with a contrasting color. Consider using the same color as the Matte color chosen in Preview mode. The extracted image should show up better against the new color background.
8. Save example with your name/intials to your folder.



Gorilla in preview mode
with black matte.

Submission: Submit to instructor as directed and get checked off for completed work.