

**Date:** Sun, 24 Apr 94 16:55:47 -0400  
**From:** Timothy Reed <nobugs!friday!treed>  
**To:** next-icon@gun.com  
**Subject:** Generic Document icon...  
**Reply-To:** treed@gun.com

Hi,

It figures that the floodgates would open on this mailing list as soon as I posted the latest archives. Better late than never.

I needed to create a generic document icon just like one of those copier machine icons with the folded corner:

<GenericDocument.tiff>

This is alpha'ed outside the image, with a small shadow on the bottom and right, and a little dithering on the diagonal line at the fold.

This is a version of the above, without the shading/dithering and with alpha in the fold itself. You'll see why in a second:

<GenericDocumentAlphaFold.tiff>

When someone posted a couple of images today, it occurred to me that it should be easy for novices to customize the document icon with images that are relevant to their needs like this:

<FlowerDocument.tiff>

(I'm not sure what need this particular image fills - mission critical flower shop application? -:)

I thought that this looked pretty cool, and it only took 30 seconds. Here's how:

- First, you need a paint program that supports most of the different compositing operators - the relevant one here is 'Sin'. I used Tiffany 2, though WetPaint and Icon both should do it too (but not IconBuilder).
- Copy the image you want to paste in and the above GenericDocumentAlphaFold.tiff with your paint program.
- Copy the image to paste into the pasteboard by selecting the entire image with Select All, followed by the Copy command.
- Set the compositing method to 'In'. Most programs set this to either 'Copy' or 'Over'. Setting this to 'In' will cause the pasted image to appear only where there's non-Alpha paint. That's why I alpha'ed out the fold, since we want the fold part to remain white.
- Paste the image onto the generic document icon window with the Paste command.
- Fill in the fold with white paint. Set the compositing method to 'Copy' or 'Over,' set the color to white in the color panel, select a paint-bucket tool, and click in the fold. The alpha parts of the fold should fill in with white paint.

You may need to do a little cleanup of the document's black border, and you can fill in a single dark grey line for shadow around the bottom and right sides of the document (for depth and NEXTSTEP-compatible light sourcing).

If I left white paint in the fold before pasting the image in, I'd have to go in by hand and white out the parts of the fold that I wanted to appear white. Cleaning up the black border is a lot faster, since using a straight-line tool is easier than a pencil tool.

Tim