
Subject: overlaying a transparent 24-bit image with different pixel scale

Posted by [Jeremy Bailin](#) on Fri, 29 Oct 2010 17:53:56 GMT

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I'm sure this task is trivial with the right tools. But apparently I am missing them.

I have an 8-bit image that I am generating in my code, which I display using a colour table with TVIM, using it to draw axes and set the data coordinates.

I then want to overplot a 24-bit image with an alpha channel, centering it at a specific *data* coordinate, and using a known pixel scale in data coordinates (which is quite different from 1).

I can calculate the appropriate normalized coordinates corresponding to the corners of where the image should be placed. I've tried feeding that and the 24-bit image into TVIMAGE, but it uses a white background for the alpha channel, not what already exists on the display. And David's example for overlaying things (http://www.dfanning.com/ip_tips/transparentpng.html) assumes a relative pixel scale of 1.

I'm sure I can figure out how to roll my own version of this myself, but I'm also sure it would take a lot longer than finding a tool someone's already written. :-)=

-Jeremy.
