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Subject: Overplot data on a 2d histogram

Posted by [jeffnetles4870](#) on Thu, 28 Oct 2010 00:11:02 GMT

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Folks,

I mostly use IDL to write custom routines for ENVI, so I don't usually have to use IDL's plotting routines very much. But I'm slowly but surely developing a need to plot some 2d histograms for a couple projects i'm working on. I can make the 2d histograms with HIST\_2D() (or J.D.'s HIST\_ND) with no trouble. And I can also display the resulting image with no trouble, even with axes on the image if i'd like. But the axes would have pixel coordinates as values, where i'd like the axes to have values of the data that went into the hist\_2d. And then I'd like to be able to overplot stuff (more points, polygons,etc.) on the plot, in the dataspace of the original data of course (not the pixel coords of the histogram image). This is a more complicated plot than i'm used to making :( Can anyone give me some pointers about the best way to approach this? I really don't even care which graphics system - whatever's simplest! :)

Thanks,  
Jeff

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