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Subject: display question

Posted by [nospam](#) on Fri, 06 Mar 1998 08:00:00 GMT

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I have a sensor to calibrate in which the pixels are not laid out in a simple grid. I can construct an array that gives the X-Y coordinates (relative to some point on the focal plane) of the centers of each pixel, and I know the shape of each pixel. When taking calibration data from the sensor, I'll have an array that gives the intensity that each pixel is measuring. What I would like to do is make a display that shows a little box for each pixel, of the right size, in the right location with the measured intensity, and then be able to zoom in using the mouse cursor to select a box.

I can probably get something to work by using `convert_coord` to get the device coordinates of each pixel corner, then constructing an array of the appropriate number of pixels, and using `tv` to display. But, there are over 15,000 pixels, and I fear that this will be much too slow. Are there any better ways to display a bunch of little boxes each with its own color at its own specified data coordinates?

Thanks for any help!

scott

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