Subject: conflict between widget_draw and plot objects
Posted by lockhart on Fri, 20 Jun 2003 21:49:41 GMT

Sorry, newbie question/problem.

In this program I'm writing, the user can click a button which pops up an interface that allows them to select and view an image, and choose coordinates in that image, and then when they close, exports those coordinates back.

The next stage for the user uses that same image, calculates the centroid of the object near the previously selected coordinates (selected in the previous window), does a line cut through the centroid, then shows a plot of the values in that line cut (using the plot command).

That works fine.

But, when I close the plot window, then go back to the first step of selecting/viewing an image, the pixel coordinates generated are really wierd, just way out there in neverland. I'm making the (possibly false) assumption that this has something to do with the plotting done in the second step. If I take out the plot line, I can go back to the first stage no problems.

To get the pixel values I'm using:

pix = (convert_coord(event.x,event.y,/DEVICE,/TO_DATA))[0:1]

It seems to work fine, unless I've plotted something.

I'm guessing somehow I'm capturing the wrong device coordinates or something, but I don't understand why.

Any ideas?

Thanks,

-Charles