
Subject: IDL data coordinates in a widget

Posted by [jicicuendez](#) on Wed, 09 Jan 2002 07:49:21 GMT

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Hi,

Can anyone help me with this?

I am trying to set up an interactive widget that provides the data value corresponding to a plot on a widget_draw panel. I am stuck as I can't manage to obtain the right data coordinates of the system.

First I was using a multiple plot, and from the motion_event obtaining x,y coordinates on the draw panel. This seem to work fine and I

obtain the device coordinates, but when I try to use
data=CONVERT_COORD(x,y,/DEVICE, /TO_DATA)

the output I get does not make any sense and does not match my data (some of them are negative values). I thought that this could be an interference when using a multiple plot so I tried to decompose my whole plot into individual ones (tedious way) and apply this described method individually and still does not work and even though the values are better, for fixed x intervals in the plot the calculated x length varies.

Does anyone know why this is happenning? Is there any solution to this or another way do solve this?

This is the first time I use widgets and I am a bit dummy so any help would be much appreciated.

Many thanks in advance,

Juan Cicuendez
