
Subject: Function graphics in a widget window

Posted by [wlandsman](#) on Mon, 20 Apr 2015 14:54:01 GMT

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The IDL documentation gives an example of plotting to a widget window using function graphics

http://exelisvis.com/docs/WIDGET_WINDOW.html

and Paul van Delst gave a useful post on the subject <http://tinyurl.com/qzxq7t4>

It all works well but the display lacks the buttons which normally appear when running plot() from the command line. For example, in the widget window one can still right click to zoom in the plot, but there is no way to unzoom (that I know of) since the reset button is missing. Similarly, there is no button to write the plot to a disk format.

I can write widget buttons to do the same tasks (like I would have to do with direct graphics), but I wanted to make sure that there was no way to make the standard plot() buttons appear.

And one question about writing the reset zoom button. There is no reset method for plot(), so the way I do this is to

1. Store the values of the X RANGE and Y RANGE properties when creating the plot
2. Restore these values to the X RANGE and Y RANGE properties when the reset button is set.

It works but it feels very old-fashioned ;-), like I was still using direct graphics. Wayne
