
Subject: user-defined plot markers in IDL
Posted by [hunt](#) on Fri, 13 Mar 1992 17:52:49 GMT
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I need 15 plot marker symbols for a series of plots (don't worry--they won't all be used on one plot, but we want to assign each data group it's own symbol for consistency across plots). What I have done is to define my own circle, square, triangle, diamond, and delta (upside-down triangle) and render them in "white" (just outlined), black and gray.

I am using the usersym IDL routine so I get black by specifying /fill, white by not using /fill, and gray by using /fill and setting a color value from the gray scale.

The problem is that the filled symbols are just filled, not outlined (with usersym it's either filled or outlined--I don't see a way to do both) and the gray symbols are dot patterns that are not consistent when the symbol is drawn many times. And the gray symbol dot patterns look like they may not reproduce well. What I would really like to do would be to outline the gray symbols--I think that would be a satisfactory solution. But I can't figure out how to do this in IDL.

Does anyone have:

- a way to outline the gray symbols
- another way to define plot markers in IDL
- a good set of plot markers

Thanks for your help.

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