Subject: optimization question: a faster way to PIXMAP? Posted by Dennis J. Boccippio on Thu, 13 Jul 2000 07:00:00 GMT View Forum Message <> Reply to Message

A question for the IDL gurus:

- I have data in the form of irregular polygons, each polygon has an associated value (let's call it an amplitude). I want a composite image of the sum of all these polygons' amplitudes.
- My current approach is to:
 - (1) create a (large) WINDOW,../PIXMAP,
 - (2) render each polygon using POLYFILL
 - (3) TVRD() the pixmap window
 - (4) add this to an accumulation array
 - ... iterate (1)-(4) until all polygons have been rendered

This works, but is painfully slow. Profiling the code shows that by far the most significant logiam is the TVRD() of the pixmap.

So: does anyone know of more efficient ways to do this? Is the Z device an option - it seems like it can be used for internal frame storage, but would still have to be probed by TVRD()...?

Thanks, **Dennis** _/ Dennis J. Boccippio _/ http://fly.hiwaay.net/~djboccip/Dennis.html