

Posted by [Randall Frank](#) on Fri, 14 Jul 2000 07:00:00 GMT

A suggestion: don't use graphics functions. You could use POLYFILLV (see the example code in the online help) or the IDLanROI::ComputeMask() function (IDL 5.3) to do this without using graphics at all (note: I have not actually timed these alternatives, so your milage may vary).

"Dennis J. Boccippio" wrote:

> 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

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> ... iterate (1)-(4) until all polygons have been rendered
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- > This works, but is painfully slow. Profiling the code shows that
- > by far the most significant logjam 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

 $\geq -$ [illegible]

rjf.

Randy Frank | ASCI Visualization
Lawrence Livermore National Laboratory | rjfrank@llnl.gov
B451 Room 2039 L-561 | Voice: (925) 423-9399
Livermore, CA 94550 | Fax: (925) 423-8704
