
Subject: Re: Regarding the Fit_Ellipse Program

Posted by [David Fanning](#) on Tue, 26 Feb 2008 20:44:00 GMT

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plim.dreaming@gmail.com writes:

- > I finally got the polyfillv to work (after converting my data to
- > device coordinates) but it won't plot because of memory (unable to
- > allocate memory to make array). I imagine this may be related to the
- > fact that the !d.x_size is 17780. Am I wrong in thinking this?

Wow! Where do you work that they bought you a monitor
as big as a city block!?

What, exactly, did you try to "plot", and what
commands did you use to do it?

- > I generally see the device size as being 512.
- > And I am new to IDLanROI so I have been reading through
- > http://www.physics.nyu.edu/grierlab/idl_html_help/objects_an3.html
- > and am still at a loss as to how I can convert the contour plot into a
- > ROI and fit an ellipse to it... any links to tutorial pages would be
- > stellar! I think I am at a similar stage of confusion as this one guy
- > whose post I found and paste below:

You see! These are so easy *anyone* can learn to use them. ;-)

When I was learning to use them, I was still intimidated
by people throwing big words around (polymorphism, inheritance, etc.).
Once I learned they were talking about IDL procedures and functions,
I was fine. Basically, I just load the polygon (the output from your
contour plot) into them in the INIT method, and then I use the method
ComputeMask in place of POLYFILLV and the method ComputeGeometry for
everything else I need to know. It really is very, very simple.

If you can't figure it out in five minutes, let me know, and I'll
see if I can scare up an example.

Cheers,

David

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David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming (www.dfanning.com)

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
