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Subject: Re: Regarding the Fit\_Ellipse Program  
Posted by [pgrigis](#) on Tue, 26 Feb 2008 21:51:51 GMT  
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plim.dream...@gmail.com wrote:

> So, I used contour to obtain the x and y positions of a certain  
> contour level and labeled those arrays as posx and posy.  
> then obtained the positions in terms of the device, because that is  
> what polyfillv uses:  
> D = convert\_coord(posx,posy, /to\_device)  
>  
>  
> I did a print,!D.x\_size to get the device sizes (it gave me the famous  
> 17780) so I did:

This happens most likely because you are using the postscript device.  
If you do set\_plot,'X' or 'WIN', you should get more resonable values  
for !D.x\_size.

Ciao,  
Paolo

> result = polyfillv(D(0,\*),D(1,\*),17780,17780)  
> plots,fit\_ellipse(result)  
>  
> It is unable to allocate memory for the fit\_ellipse part.  
> Is the !D.x\_size related to the monitor size or the monitor resolution  
> or the postscript resolution or non-of-the-above?  
>  
> And with the IDLanROI I finally made the object  
> blob = OBJ\_NEW( 'IDLanROI', posx, posy ) and have to say that I  
> certainly was/am scared by wording such as: "Init methods are special  
> life cycle methods..."!?  
> I am right now trying to figure out how to type in this new language  
> Result = Obj->[IDLanROI::]ComputeMask(  
> to get from here to fitting an ellipse to the object and getting the  
> semi-major and semi-minor axis.  
>  
> Much thanks,  
> "Bruno Schmidt of Northern Florida State University"  
>  
> - so honey what did you do at work all day today?  
> - oh, i drew an ellipse...

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