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Subject: Re: Regarding the Fit\_Ellipse Program  
Posted by [plim.dreaming](#) on Tue, 26 Feb 2008 21:38:29 GMT  
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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:

```
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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