
Subject: Re: Making big triangle (FOV)

Posted by [Helder Marchetto](#) on Tue, 27 Nov 2012 13:29:40 GMT

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On Tuesday, November 27, 2012 1:59:15 PM UTC+1, zolile...@gmail.com wrote:

> Hi all

>

> I have a program the can do mapping. I need help , I want to plot a field of view of the radar in the map. Field of view its like a big triangle but at the two end points form something like curve to merge those points. I do nt hv any idea how to make that kind of curve. I used plots to make triangle (FOV). Hence its not a pure triangle , can you help on making that kind of curve! I have been looking for some kind of routine but I dnt get any help.

>

>

>

> All suggestions all welcome.

>

> Thank you in advance for ur time!!

I guess that this article should help you.

http://www.idlcoyote.com/graphics_tips/anisotropy.php

Use the function "arc" this way:

```
window, /free, xsize=600, ysize=600
center=[300.0,300.0]
Radius = 200.0
Ang1 = 45.0
Ang2 = 135.0
plots, [center[0],center[0]+Radius*cos(Ang1/!RaDeg)],
[center[1],center[1]+Radius*sin(Ang1/!RaDeg)], /device
plots, [center[0],center[0]+Radius*cos(Ang2/!RaDeg)],
[center[1],center[1]+Radius*sin(Ang2/!RaDeg)], /device
plots, arc(center[0],center[1],Radius,Ang1,Ang2), /device
```

Cheers,
Helder
