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Subject: Re: Inscribed circle

Posted by [Russell Ryan](#) on Wed, 27 Mar 2013 13:34:29 GMT

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On Wednesday, March 27, 2013 6:32:49 AM UTC-4, arayame...@gmail.com wrote:

> Dear all,

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> maybe this has been already posted, but I can not seem to find it.

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> I have a contour plot, and I draw a circle on it (region of interest). Is there a way to blank off the area of the square outside of the circle (I though polyfill, but I can just manage squared polygons) or to just make the contour of the circle (region) of interest?

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> Thanks!

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> PS: the contour data is created through triangulate and trigrid.

What do you mean "blank off the area?" Is your contour plot made with black lines on a white background and you want to draw a white square? If so, then yes. Polyfill is the easiest way. If you're having trouble, it's almost certainly with either the coordinates you're giving it or their order. Make sure to check the /normal, /data, or /device settings to verify that your data are in the right units. Then check that the order of the polyfill data is correct:

```
x=[left,left,right,right]
y=[top,bottom,bottom,top]
polyfill,x,y
```

That's a basic idea to draw a rectangle, the trick is to find the right values of top, bottom, right, and left. It shouldn't be too tough, but you have to be aware of the units (device vs. data vs. normal).

-Russell

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