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Subject: Re: Circle drawing request.

Posted by [Kevin Ivory](#) on Wed, 29 Jan 1997 08:00:00 GMT

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David Kennedy wrote:

- > This must be a FAQ - anyone got a good circle drawing sub-routine?
- > Input - x, y, radius
- > Output - [x,y] vectors for POLYFILL etc.
- >
- > I have been using one (shown below) but I find it produces fine lines
- > shooting off to small y values from the left and right edges of each
- > circle. And my fiddling with it has made it worse I'm afraid.

Hi David,

I posted this one yesterday, but you may have missed it (I didn't actually notice any flaw in the other one, but this is quite straightforward - sorry I haven't commented it yet):

```
function circle, xcenter, ycenter, radius
  a = (2*pi/99.)*findgen(100)
  x = xcenter + radius * cos(a)
  y = ycenter + radius * sin(a)
  return, transpose([x],[y])
end
```

Best regards

Kevin

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