
Subject: Re: circles

Posted by [David Foster](#) on Wed, 09 Jul 1997 07:00:00 GMT

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lady of the elves wrote:

>
> [incidentally, I'm new to this language :)]
>
> I'm trying to create a two-dimensional array, such that tvscl of the
> array will show a filled circle. So far, my best idea has not
> worked--but here it is:
>
> x and y are one-D arrays of 200 elements such that plot,x,y produces a
> circular shape, but not filled.
>

You can use the POLYFILLV to get the subscripts of the circular region defined by vectors X and Y:

```
circle = polyfillv(x,y,xarray_size,y_array_size)
if (circle(0) ne -1 ) then array(circle) = 2
```

or you can use the POLYFILL procedure to fill the circle directly on the graphics device.

Dave

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"I have this theory that if we're told we're bad,
then that's the only idea we'll ever have.
But maybe if we are surrounded in beauty,
someday we will become what we see." - Jewel Kilcher
