
Subject: Re: circles

Posted by [Martin Lizak \(NEI\)](#) 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 :)]

A simpler way to to that is as follows

```
function makecircle
```

```
im=bytarr(200,200)
```

```
; if you make the angular resolution too small, you'll have blank lines
```

```
theta=findgen(1000)*!pi/1000. - !pi/2.
```

```
for i=0,999 do begin
```

```
  y=fix(99.*sin(theta(i)))+100
```

```
  xmin=-fix(99.*cos(theta(i)))+100
```

```
  xmax=fix(99.*cos(theta(i)))+100
```

```
  im(xmin:xmax,y)=2
```

```
endfor
```

```
return,im
```

```
end
```

>

> 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:

>

.

.

> I would really like to have a circularly-filled array; if anyone has

> better knowledge, please let me know :)

> Thanks.

> -gzb
