
Subject: plot solid circle on image
Posted by [Ali Gamal](#) on Thu, 10 Aug 2017 17:21:15 GMT
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I want to plot solid circle of position (x,y) on image. how can I do it?

Subject: Re: plot solid circle on image
Posted by [Lajos Foldy](#) on Thu, 10 Aug 2017 17:56:10 GMT
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On Thursday, August 10, 2017 at 7:21:18 PM UTC+2, AGW wrote:
> I want to plot solid circle of position (x,y) on image. how can I do it?

Try polyfill:

```
a=dindgen(1000)/1000*!dpi*2  
polyfill, 200*cos(a)+320, 200*sin(a)+256, /dev
```

regards,
Lajos

Subject: Re: plot solid circle on image
Posted by [Ali Gamal](#) on Thu, 10 Aug 2017 19:10:18 GMT
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On Thursday, August 10, 2017 at 7:21:18 PM UTC+2, AGW wrote:
> I want to plot solid circle of position (x,y) on image. how can I do it?

I want to plot it at specific pixel (x1 = 214 & y1 = 546)

Subject: Re: plot solid circle on image
Posted by [Helder Marchetto](#) on Fri, 11 Aug 2017 06:54:34 GMT
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On Thursday, August 10, 2017 at 9:10:23 PM UTC+2, AGW wrote:
> On Thursday, August 10, 2017 at 7:21:18 PM UTC+2, AGW wrote:
>> I want to plot solid circle of position (x,y) on image. how can I do it?
>
> I want to plot it at specific pixel (x1 = 214 & y1 = 546)

Check the math of the circle equation here:
<https://en.wikipedia.org/wiki/Circle>
Look "Equations - Cartesian coordinates" for the parametric form using the trigonometric functions.

This should get you in the right direction (if not, check what a and b are).

Cheers,
Helder
