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Subject: Changing a Plot's Resolution

Posted by [Maryam](#) on Tue, 30 Jun 2015 21:41:16 GMT

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Hi everyone.

I know there are ways to set the resolution for a plot in IDL when you are writing it into a PNG or PS file, but I am using plot3d (p = plot3d(x,y,z, '4.'), where x,y,z are some arrays) and can't write it into either of the above formats, and thus can't change its resolution. Any idea how I can do that?

Thanks,  
Maryam

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Subject: Re: Changing a Plot's Resolution

Posted by [Phillip Bitzer](#) on Wed, 01 Jul 2015 15:14:08 GMT

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On Tuesday, June 30, 2015 at 4:41:17 PM UTC-5, Maryam wrote:

> Hi everyone.

>

> I know there are ways to set the resolution for a plot in IDL when you are writing it into a PNG or PS file, but I am using plot3d (p = plot3d(x,y,z, '4.'), where x,y,z are some arrays) and can't write it into either of the above formats, and thus can't change its resolution. Any idea how I can do that?

>

> Thanks,

> Maryam

I'm not really sure I understand the issue. You can absolutely save your plot as a PNG:

```
x= (y= (z=randomn(1l, 100))
p=plot3d(x, y, z, '4')
p.save, 'test.png'
```

There are also all sorts of keywords, including one to specifically set the resolution.

[http://exelisvis.com/docs/save\\_method.html](http://exelisvis.com/docs/save_method.html)

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Subject: Re: Changing a Plot's Resolution

Posted by [Maryam](#) on Thu, 02 Jul 2015 18:29:54 GMT

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Awesome! Thanks Phillip :-)

Maryam

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