
Subject: laying a grid on top of an image
Posted by [Lazzar](#) on Wed, 16 Jun 1999 07:00:00 GMT
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Does anyone know of a quick easy way to put a grid of lines over top of an existing image. I want to be able to specify the spacing on the grid (in pixels), for example 40 columns by 100 rows, and have a grid placed over top of an image which is already displayed in a window.

Thanks,

Brian

Subject: Re: laying a grid on top of an image
Posted by [mirko_vukovic](#) on Thu, 17 Jun 1999 07:00:00 GMT
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In article <37684EAA.334F0A42@gte.net>,
Brian Nagy <lazzar@gte.net> wrote:
> Does anyone know of a quick easy way to put a grid of lines over top
> of
> an existing image. I want to be able to specify the spacing on the
> grid
> (in pixels), for example 40 columns by 100 rows, and have a grid
> placed
> over top of an image which is already displayed in a window.
>
> Thanks,
>
> Brian
>
>
use plots,x,y,...,/device ? Will require some coordinate
conversions, allways a joy.

mirko

Sent via Deja.com <http://www.deja.com/>
Share what you know. Learn what you don't.

Subject: Re: laying a grid on top of an image
Posted by [Vapuser](#) on Fri, 18 Jun 1999 07:00:00 GMT

Brian Nagy <lazzar@gte.net> writes:

```
x=!d.x_size
y=!d.y_size
for r=0,nrows do plots,[0,
```

You will

> Does anyone know of a quick easy way to put a grid of lines over top of
> an existing image. I want to be able to specify the spacing on the grid
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>

> Thanks,

>

> Brian

>

--

William Daffer: 818-354-0161: vapuser@catspaw.jpl.nasa.gov

Subject: Re: laying a grid on top of an image

Posted by [Daniel Peduzzi](#) on Fri, 18 Jun 1999 07:00:00 GMT

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Daniel Peduzzi wrote in message <6Rja3.16621\$AB2.371314@wbnws01.ne.mediaone.net>...

>

> Brian Nagy wrote in message <37684EAA.334F0A42@gte.net>...

>> Does anyone know of a quick easy way to put a grid of lines over top of

>> an existing image. I want to be able to specify the spacing on the grid

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>>

>

>

> Could you alter the image before you display it in a window?

>

> If I had a 2D array called "my_image", and I wanted different spacings in the

> row and column directions, I'd do something like this:

>

> row_freq=20

> col_freq=40

>

> s=size(my_image)

> col_indices = indgen(s[1]/col_freq+1)

```
> row_indices = indgen(s[2]/row_freq+1)
>
```

Oops, forgot the multipliers. These lines should be

```
col_indices = indgen(s[1]/col_freq+1) * col_freq
row_indices = indgen(s[2]/row_freq+1) * row_freq
```

Dan Peduzzi
peduzzi@mediaone.net

Subject: Re: laying a grid on top of an image
Posted by [Daniel Peduzzi](#) on Fri, 18 Jun 1999 07:00:00 GMT
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Brian Nagy wrote in message <37684EAA.334F0A42@gte.net>...
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Could you alter the image before you display it in a window?

If I had a 2D array called "my_image", and I wanted different spacings in the row and column directions, I'd do something like this:

```
row_freq=20
col_freq=40
```

```
s=size(my_image)
col_indices = indgen(s[1]/col_freq+1)
row_indices = indgen(s[2]/row_freq+1)
```

```
my_image[col_indices, *]=255
my_image[* , row_indices]=255
```

```
tv!ct, [255], [0], [0], 255 ; Make last colormap entry "red"
tv, my_image
```

This would display a red grid, with the above spacings, over the image.

Dan Peduzzi

