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 View Forum Message <> Reply to Message

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 recquire 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
> (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
>
--
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

View Forum Message <> Reply to Message 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 >> (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. >> > > 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 View Forum Message <> Reply to Message

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
- > (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.

>

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

tvlct, [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

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