Subject: How to convert RGB image into a binary image ?
Posted by msbstar on Fri, 31 Jan 2014 23:22:07 GMT
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Hi everybody,

I need to convert a RGB image into a binary format image. I would be grateful if any one could help me.

With best regards,
Hassan

Subject: Re: How to convert RGB image into a binary image ?
Posted by David Fanning on Fri, 31 Jan 2014 23:27:59 GMT
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msbstar writes:

> I need to convert a RGB image into a binary format image. I would be grateful if any one could help me.

An RGB image *is* a binary format image. What exactly are you trying to
do? What do you imagine a binary format image is?

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: How to convert RGB image into a binary image ?
Posted by dg86 on Sat, 01 Feb 2014 01:58:23 GMT
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On Friday, January 31, 2014 6:22:07 PM UTC-5, Hassan wrote:
> Hi everybody,
>
>
>
>

> I need to convert a RGB image into a binary format image. I would be grateful if any one could help me.
>
>
>
> With best regards,
>
> Hassan

I'm guessing that you want to threshold the image's intensity. If, so, then you can use COLOR_CONVERT to transform your RGB image into an HSV image. The V channel is the intensity, to which you can apply a threshold. For instance, if A is your RGB image and THRESHOLD is your threshold value, then

```
IDL> color_convert, a, b, /rgb_hsv
IDL> intensity = reform(b[2,*,*]) ; V = intensity
IDL> result = intensity gt threshold
```

All the best,

David
