Subject: Re: PNG IMAGE

Posted by David Fanning on Wed, 03 Jun 2009 13:37:47 GMT

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## nata writes:

- > I'm trying to read a PNG image and visualize it in an IDLgrImage. I
- > can not do it and I don't know why. Normally, I do something like
- > this:

>

- > image=READ\_PNG('my\_image.png',red,green,blue)
- > oPalette = OBJ\_NEW('IDLgrPalette', red, green, blue)
- > olmage = OBJ\_NEW('IDLgrImage', image, PALETTE = oPalette)

>

- It works but my problem now is that I can not retrieve the red, green
- > and blue channels from the image, so:

>

- > image=READ\_PNG('my\_image.png',red,green,blue)
- > help

>

image
 blue
 green
 red
 BYTE = Array[3, 24, 24]
 UNDEFINED = <Undefined>
 UNDEFINED = <Undefined>

>

> How can I display this image in OBJECT GRAPHICS?

Your red, green, and blue channels are IN your image. That's what the "3" is all about. Just put this image in your IDLqrImage and you are finished. :-)

Cheers.

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: http://www.dfanning.com/

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: PNG IMAGE

Posted by natha on Wed, 03 Jun 2009 16:32:12 GMT

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On Jun 3, 9:37 am, David Fanning <n...@dfanning.com> wrote:

- > nata writes:
- >> I'm trying to read a PNG image and visualize it in an IDLgrImage. I

```
>> can not do it and I don't know why. Normally, I do something like
>> this:
>> image=READ_PNG('my_image.png',red,green,blue)
>> oPalette = OBJ_NEW('IDLgrPalette', red, green, blue)
>> olmage = OBJ_NEW('IDLgrImage', image, PALETTE = oPalette)
>
>> It works but my problem now is that I can not retrieve the red, green
>> and blue channels from the image, so:
>
>> image=READ_PNG('my_image.png',red,green,blue)
>> help
>
                         = Array[3, 24, 24]
>> image
                BYTE
                UNDEFINED = <Undefined>
>> blue
                UNDEFINED = <Undefined>
>> green
                UNDEFINED = <Undefined>
>> red
>> How can I display this image in OBJECT GRAPHICS?
> Your red, green, and blue channels are IN your image.
> That's what the "3" is all about. Just put this image
> in your IDLgrImage and you are finished. :-)
> Cheers,
> David
TX!:P
I forget to define the view_plane rectangle. Now I see the results
Thanks.
Bernat
```

Subject: Re: PNG IMAGE

Posted by David Fanning on Wed, 03 Jun 2009 16:47:45 GMT

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## nata writes:

> I forget to define the view plane rectangle. Now I see the results

Ah, that big pixel in the sky. I remember it fondly! :-)

Cheers,

David

--

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