
Subject: Error with read_bmp

Posted by [lczhang123](#) on Tue, 11 Mar 2014 20:50:20 GMT

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I'm a green hand on IDL. Struggling with a Read_BMP problem.(IDL6.2,WIN7)

```
IDL> A=READ_BMP('XRD.bmp', R, G, B)
```

Array dimensions must be greater than 0.

Error occurred at: READ_BMP 122 C:\Program Files (x86)\IDL\IDL62\lib\read_bmp.pro
\$MAIN\$

Execution halted at: \$MAIN\$

Anyone can help? Appreciate!

Subject: Re: Error with read_bmp

Posted by on Tue, 11 Mar 2014 21:00:26 GMT

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Den tisdagen den 11:e mars 2014 kl. 21:50:20 UTC+1 skrev lczha...@gmail.com:

> I'm a green hand on IDL. Struggling with a Read_BMP problem.(IDL6.2,WIN7)

>

>

>

> IDL> A=READ_BMP('XRD.bmp', R, G, B)

>

>

>

> Array dimensions must be greater than 0.

>

> Error occurred at: READ_BMP 122 C:\Program Files (x86)\IDL\IDL62\lib\read_bmp.pro

>

> \$MAIN\$

>

> Execution halted at: \$MAIN\$

>

>

>

> Anyone can help? Appreciate!

According to the documentation (http://www.exelisvis.com/docs/read_BMP.html), READ_BMP does not handle 1-bit-images or compressed images. You can examine the file with QUERY_BMP before you try to read it and find out if it is one that READ_BMP likes.

Subject: Re: Error with read_bmp

```
> Den tisdagen den 11:e mars 2014 kl. 21:50:20 UTC+1 skrev lczha...@gmail.com:
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>>      $MAIN$
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>>
>
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>> Anyone can help? Appreciate!
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>
> According to the documentation (http://www.exelisvis.com/docs/read\_BMP.html), READ_BMP
does not handle 1-bit-images or compressed images. You can examine the file with QUERY_BMP
```

before you try to read it and find out if it is one that READ_BMP likes.

Thank you, Mats

I got another question here. When I use the read_jpeg or read_bmp function to read the picture, all information is saved in the variable. But when I try to use TV,variable to display again, it shows me a black screen

```
IDL> read_jpeg, '1.jpg',a
IDL> tv,a
```

Subject: Re: Error with read_bmp

Posted by [David Fanning](#) on Tue, 11 Mar 2014 22:42:40 GMT

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lczhang123@gmail.com writes:

> I got another question here. When I use the read_jpeg or read_bmp function to read the picture, all information is saved in the variable. But when I try to use TV,variable to display again, it shows me a black screen

>

> IDL> read_jpeg, '1.jpg',a

> IDL> tv,a

Try this:

```
IDL> tv, bytscl(a)
```

But, you need a much smarter TV command. :-)

<http://www.idlcoyote.com/idldoc/cg/cgimage.html>

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Seppure ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: Error with read_bmp

Posted by [lczhang123](#) on Wed, 12 Mar 2014 03:49:46 GMT

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>
>
>
>> I got another question here. When I use the read_jpeg or read_bmp function to read the picture, all information is saved in the variable. But when I try to use TV,variable to display again, it shows me a black screen
>
>>
>
>> IDL> read_jpeg, '1.jpg',a
>
>> IDL> tv,a
>
>
>
> Try this:
>
>
>
> IDL> tv, bytscl(a)
>
>
>
> But, you need a much smarter TV command. :-)
>
>
>
> <http://www.idlcoyote.com/idldoc/cg/cgimage.html>
>
>
>
> 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.")

Thank you so much Dr. Fanning!
