Subject: Re: Writing display as jpeg Posted by R.Bauer on Tue, 12 Jun 2001 21:09:26 GMT

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Alok Nagd	lev wrote:
-----------	------------

>

- > I'm stuck on a very simple problem. I need to read an image from the
- > display and write as a jpeg, I get it written but then the image is very
- > much distorted. Please advise.

>

- > I'm reading the display using TVRD() and writing it as true color! Also
- > I load the color tables before I read it as true color image.

>

> Thanks,

>

> -Alok

Hi Alok,

you should try /TWO_PASS_QUANTIZE.

regards

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-1) Forschungszentrum Juelich email: R.Bauer@fz-juelich.de http://www.fz-juelich.de/icg/icg1/

a IDL library at ForschungsZentrum Juelich http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h tml

http://www.fz-juelich.de/zb/text/publikation/juel3786.html

read something about linux / windows http://www.suse.de/de/news/hotnews/MS.html

Subject: Re: Writing display as jpeg

Posted by francesco.spada on Tue, 12 Jun 2001 22:07:44 GMT

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If this could be of any help this is the code I use

```
namejpg = 'sigmacoor.jpg'
 jpg_pic=tvrd(0,0,xw_grids,yw_grids,true=3)
 write_ipeg,namejpg,jpg_pic,true=3
It works fine for me with IDL 5.4 and win98.
Before using true=3 I had some problem with colours.
Ciao
Francesco
Subject: Re: Writing display as jpeg
Posted by Alok Nagdev on Wed, 13 Jun 2001 00:33:24 GMT
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Francesco wrote:
> If this could be of any help this is the code I use
   namejpg = 'sigmacoor.jpg'
>
   jpg_pic=tvrd(0,0,xw_grids,yw_grids,true=3)
>
   write_jpeg,namejpg,jpg_pic,true=3
yes, thats how I was trying to write but its not working, even I work on
IDL 5.4, shall check it once more with your code and Reimar's
suggestion.
Thanks,
-Alok
> It works fine for me with IDL 5.4 and win98.
> Before using true=3 I had some problem with colours.
```

> Ciao

> Francesco

Subject: Re: Writing display as jpeg Posted by Alok Nagdev on Wed, 13 Jun 2001 00:36:46 GMT View Forum Message <> Reply to Message

I feel this could be a problem with reading the display rather than some problem with the code.

-Alok

```
Alok Nagdev wrote:
> Francesco wrote:
>
>> If this could be of any help this is the code I use
>>
>>
    namejpg = 'sigmacoor.jpg'
    jpg_pic=tvrd(0,0,xw_grids,yw_grids,true=3)
    write_ipeg,namejpg,jpg_pic,true=3
>>
>>
>
> yes, thats how I was trying to write but its not working, even I work on
> IDL 5.4, shall check it once more with your code and Reimar's
> suggestion.
>
> Thanks.
> -Alok
>
>>
>> It works fine for me with IDL 5.4 and win98.
>>
>> Before using true=3 I had some problem with colours.
>>
>> Ciao
>>
>> Francesco
```

Subject: Re: Writing display as jpeg
Posted by R.Bauer on Wed, 13 Jun 2001 06:36:17 GMT
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Alok Nagdev wrote:

> Francesco wrote:

>> If this could be of any help this is the code I use

```
>>
    namejpg = 'sigmacoor.jpg'
>>
    jpg_pic=tvrd(0,0,xw_grids,yw_grids,true=3)
>>
    write_ipeg,namejpg,jpg_pic,true=3
>>
> yes, thats how I was trying to write but its not working, even I work on
> IDL 5.4, shall check it once more with your code and Reimar's
> suggestion.
>
Dear Alok.
on my machine this is ok.
please show me youre !version information.
Reimar
> Thanks,
> -Alok
>
>> It works fine for me with IDL 5.4 and win98.
>>
>> Before using true=3 I had some problem with colours.
>>
>> Ciao
>> Francesco
Reimar Bauer
Institut fuer Stratosphaerische Chemie (ICG-1)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
http://www.fz-juelich.de/icg/icg1/
                                      a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h tml
```

http://www.fz-juelich.de/zb/text/publikation/juel3786.html

read something about linux / windows http://www.suse.de/de/news/hotnews/MS.html

Subject: Re: Writing display as jpeg

Posted by btt on Wed, 13 Jun 2001 13:29:42 GMT

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Hello.

You might try to use TVRead from David Fanning's website. It handles all of the subtle issues regarding display depth, etc. I think he has written in an additional bit of code for saving the image in different formats. Liam Gumley has a similar program called SaveImage (you can get it through David's annotate links page.)

Regards,

Ben

Alok Nagdev wrote:

>

- > I'm stuck on a very simple problem. I need to read an image from the
- > display and write as a jpeg, I get it written but then the image is very
- > much distorted. Please advise.

>

- > I'm reading the display using TVRD() and writing it as true color! Also
- > I load the color tables before I read it as true color image.

>

> Thanks.

>

> -Alok

--

Ben Tupper
Bigelow Laboratory for Ocean Sciences
180 McKown Point Rd.
W. Boothbay Harbor, ME 04575
btupper@bigelow.org

Subject: Re: Writing display as jpeg

Posted by Liam E. Gumley on Wed, 13 Jun 2001 14:06:40 GMT

Alok Nagdev wrote:

- > I'm stuck on a very simple problem. I need to read an image from the
- > display and write as a jpeg, I get it written but then the image is very
- > much distorted. Please advise.

>

- > I'm reading the display using TVRD() and writing it as true color! Also
- > I load the color tables before I read it as true color image.

http://cimss.ssec.wisc.edu/~gumley/imagetools.html

Cheers,

Liam.

http://cimss.ssec.wisc.edu/~gumley/

Subject: Re: Writing display as jpeg Posted by Alok Nagdev on Thu, 14 Jun 2001 06:46:53 GMT View Forum Message <> Reply to Message

Thanks much!! Its working now:).

-Alok

Reimar Bauer wrote:

```
> Alok Nagdev wrote:
>>
>> Francesco wrote:
>>> If this could be of any help this is the code I use
>>>
      namejpg = 'sigmacoor.jpg'
>>>
      jpg_pic=tvrd(0,0,xw_grids,yw_grids,true=3)
>>>
      write_jpeg,namejpg,jpg_pic,true=3
>>>
>>
>> yes, thats how I was trying to write but its not working, even I work on
>> IDL 5.4, shall check it once more with your code and Reimar's
>> suggestion.
>>
> Dear Alok,
> on my machine this is ok.
```

```
>
  please show me youre !version information.
> Reimar
>> Thanks,
>>
>> -Alok
>>
>>>
>>> It works fine for me with IDL 5.4 and win98.
>>> Before using true=3 I had some problem with colours.
>>>
>>> Ciao
>>> Francesco
> Reimar Bauer
> Institut fuer Stratosphaerische Chemie (ICG-1)
> Forschungszentrum Juelich
> email: R.Bauer@fz-juelich.de
> http://www.fz-juelich.de/icg/icg1/
> a IDL library at ForschungsZentrum Juelich
   http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h tml
>
  http://www.fz-juelich.de/zb/text/publikation/juel3786.html
>
  read something about linux / windows
> http://www.suse.de/de/news/hotnews/MS.html
```