
Subject: Re: Writing display as jpeg
Posted by [R.Bauer](#) on Tue, 12 Jun 2001 21:09:26 GMT
[View Forum Message](#) <> [Reply to Message](#)

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

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.html

<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
[View Forum Message](#) <> [Reply to Message](#)

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
```

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
[View Forum Message](#) <> [Reply to Message](#)

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_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 [R.Bauer](#) on Wed, 13 Jun 2001 06:36:17 GMT
[View Forum Message](#) <> [Reply to Message](#)

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>

Subject: Re: Writing display as jpeg
Posted by [btt](#) on Wed, 13 Jun 2001 13:29:42 GMT
[View Forum Message](#) <> [Reply to Message](#)

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 your !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.html
>
> http://www.fz-juelich.de/zb/text/publikation/juel3786.html
> =====
>
> read something about linux / windows
> http://www.suse.de/de/news/hotnews/MS.html
```
