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Subject: unwanted color bands in image display  
Posted by [astib](#) on Fri, 28 Jun 2002 20:15:51 GMT  
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Hi everybody,

Thanks for answering my little queries. I have one again.

When I try to display image with TV or TVSCL, or for that matter, store as a PS and then view it, it always shows annoying color bands or lines in the image. These bands are generally red or blue, depending on the monitor properties I guess. I tried to use, device, decomposed=0, but that doesn't make any difference. I am quite frustrated with this thing, and hence I like to use LIVE TOOLS instead of TV things, but they have limited capabilities. Any suggestions for removing these color bands ?

Thanks,  
Asti

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Subject: Re: unwanted color bands in image display  
Posted by [R.Bauer](#) on Fri, 05 Jul 2002 11:33:57 GMT  
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Asti Bhatt wrote:

>  
> Hi everybody,  
>  
> Thanks for answering my little queries. I have one again.  
>  
> When I try to display image with TV or TVSCL, or for that matter,  
> store as a PS and then view it, it always shows annoying color bands  
> or lines in the image. These bands are generally red or blue,  
> depending on the monitor properties I guess. I tried to use, device,  
> decomposed=0, but that doesn't make any difference. I am quite  
> frustrated with this thing, and hence I like to use LIVE TOOLS instead  
> of TV things, but they have limited capabilities. Any suggestions for  
> removing these color bands ?  
>  
> Thanks,  
> Asti

Dear Asti,  
we don't have the problems with our linux systems you described.

May be it's a configuration problem of your startup routine.

Our garphic cards all in 16bit mode.

The following lines are from a more general startup file for different platforms.

( [http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl.all](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl.all))

```
if strlowercase(!version.os) eq 'linux' then device,
get_visual_depth=depth
if strlowercase(!version.os) eq 'linux' then device, true_color=depth
if strlowercase(!version.os) eq 'linux' then window, /free, /pixmap,
colors=-10
if strlowercase(!version.os) eq 'linux' then wdelete, !d.window
if strlowercase(!version.os) eq 'linux' then device, decomposed=0,
retain=2
```

..

Hope this helps

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)

Forschungszentrum Juelich

email: R.Bauer@fz-juelich.de

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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/icg/icg1/idl_icglib/idl_lib_intro.html)

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Subject: Re: unwanted color bands in image display  
Posted by [Craig Markwardt](#) on Tue, 23 Jul 2002 02:31:38 GMT  
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JD Smith <jdsmith@as.arizona.edu> writes:

> How about:

>

> THIS\_IS\_CRAIG\_MARKWARDTS\_SPECIAL\_PLOT\_IMAGE\_TOOL\_AND\_DONT\_YO  
U\_THINK\_ANYTHING\_DIFFERENT

>

Done.

See the following URL

[http://cow.physics.wisc.edu/~craigm/idl/down/new/this\\_is\\_craig\\_markwardts\\_special\\_plot\\_image\\_tool\\_and\\_dont\\_you\\_think\\_anything\\_different.pro](http://cow.physics.wisc.edu/~craigm/idl/down/new/this_is_craig_markwardts_special_plot_image_tool_and_dont_you_think_anything_different.pro)

Craig

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Subject: Re: unwanted color bands in image display  
Posted by [Craig Markwardt](#) on Tue, 23 Jul 2002 23:22:48 GMT  
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Craig Markwardt <craigmnet@cow.physics.wisc.edu> writes:

> JD Smith <jdsmith@as.arizona.edu> writes:  
>> How about:  
>>  
>> THIS\_IS\_CRAIG\_MARKWARDTS\_SPECIAL\_PLOT\_IMAGE\_TOOL\_AND\_DONT\_YO  
U\_THINK\_ANYTHING\_DIFFERENT  
>>  
>  
> Done.  
>  
> See the following URL  
>  
> [http://cow.physics.wisc.edu/~craigm/idl/down/new/this\\_is\\_craig\\_markwardts\\_special\\_plot\\_image\\_tool\\_and\\_dont\\_you\\_think\\_anything\\_different.pro](http://cow.physics.wisc.edu/~craigm/idl/down/new/this_is_craig_markwardts_special_plot_image_tool_and_dont_you_think_anything_different.pro)

Wow, that URL got 20 hits. Amazing! I think that's a better response than when I post something serious...

Craig

--

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Craig B. Markwardt, Ph.D.      EMAIL:    craigmnet@cow.physics.wisc.edu  
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response  
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Subject: Re: unwanted color bands in image display  
Posted by [R.Bauer](#) on Wed, 24 Jul 2002 06:59:09 GMT  
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Craig Markwardt wrote:

>

> Craig Markwardt <craigmnet@cow.physics.wisc.edu> writes:  
>  
>> JD Smith <jdsmith@as.arizona.edu> writes:  
>>> How about:  
>>>  
>>> THIS\_IS\_CRAIG\_MARKWARDTS\_SPECIAL\_PLOT\_IMAGE\_TOOL\_AND\_DONT\_YO  
U\_THINK\_ANYTHING\_DIFFERENT  
>>>  
>>  
>> Done.  
>>  
>> See the following URL  
>>  
>> [http://cow.physics.wisc.edu/~craigm/idl/down/new/this\\_is\\_craig\\_markwardts\\_special\\_plot\\_image\\_tool\\_and\\_dont\\_you\\_think\\_anything\\_different.pro](http://cow.physics.wisc.edu/~craigm/idl/down/new/this_is_craig_markwardts_special_plot_image_tool_and_dont_you_think_anything_different.pro)  
>  
> Wow, that URL got 20 hits. Amazing! I think that's a better response  
> than when I post something serious...  
>  
> Craig

Dear Craig

I was looking if this was a joke or not.  
It wasn't.

Reimar

>  
> --  
> -----  
> Craig B. Markwardt, Ph.D.      EMAIL: [craigmnet@cow.physics.wisc.edu](mailto:craigmnet@cow.physics.wisc.edu)  
> Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response  
> -----

--  
Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)  
Forschungszentrum Juelich  
email: [R.Bauer@fz-juelich.de](mailto:R.Bauer@fz-juelich.de)

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a IDL library at Forschungszentrum Juelich  
[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html)

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Subject: Re: unwanted color bands in image display  
Posted by [Craig Markwardt](#) on Wed, 24 Jul 2002 09:56:03 GMT  
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Reimar Bauer <r.bauer@fz-juelich.de> writes:

> Craig Markwardt wrote:  
>>  
>> Craig Markwardt <craigmnet@cow.physics.wisc.edu> writes:  
>>  
>>> JD Smith <jdsmith@as.arizona.edu> writes:  
>>>> How about:  
>>>>  
>>>> THIS\_IS\_CRAIG\_MARKWARDTS\_SPECIAL\_PLOT\_IMAGE\_TOOL\_AND\_DONT\_YO  
U\_THINK\_ANYTHING\_DIFFERENT  
>>>>  
>>>  
>>> Done.  
>>>  
>>> See the following URL  
>>>  
>>> [http://cow.physics.wisc.edu/~craigm/idl/down/new/this\\_is\\_craig\\_markwardts\\_special\\_plot\\_image\\_tool\\_and\\_dont\\_you\\_think\\_anything\\_different.pro](http://cow.physics.wisc.edu/~craigm/idl/down/new/this_is_craig_markwardts_special_plot_image_tool_and_dont_you_think_anything_different.pro)  
>>  
>> Wow, that URL got 20 hits. Amazing! I think that's a better response  
>> than when I post something serious...  
>>  
>> Craig  
>  
> Dear Craig  
>  
> I was looking if this was a joke or not.  
> It wasn't.

Well, it was/is a joke, just a joke with follow-through.

Craig

--

-----  
Craig B. Markwardt, Ph.D.      EMAIL: [craigmnet@cow.physics.wisc.edu](mailto:craigmnet@cow.physics.wisc.edu)  
Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response  
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Subject: Re: unwanted color bands in image display  
Posted by [JD Smith](#) on Wed, 24 Jul 2002 23:18:34 GMT

On Wed, 24 Jul 2002 02:56:03 -0700, Craig Markwardt wrote:

```
> Reimar Bauer <r.bauer@fz-juelich.de> writes:
>
>> Craig Markwardt wrote:
>>>
>>> Craig Markwardt <craigmnet@cow.physics.wisc.edu> writes:
>>>
>>>> JD Smith <jdsmith@as.arizona.edu> writes:
>>>> > How about:
>>>> >
>>>> > THIS_IS_CRAIG_MARKWARDTS_SPECIAL_PLOT_IMAGE_TOOL_AND_DONT_YO
U_THINK_ANYTHING_DIFFERENT
>>>> >
>>>> >
>>>> Done.
>>>>
>>>> See the following URL
>>>>
>>>> http://cow.physics.wisc.edu/~craigm/idl/down/new/this_is_cra
ig_markwardts_special_plot_image_tool_and_dont_you_think_any_thing_different.pro
>>>
>>> Wow, that URL got 20 hits. Amazing! I think that's a better
>>> response than when I post something serious...
>>>
>>> Craig
>>
>> Dear Craig
>>
>> I was looking if this was a joke or not. It wasn't.
>
> Well, it was/is a joke, just a joke with follow-through.
```

And a well-received joke it was.

Bravo. Please, somebody get that into their catalog of IDL library routines before it disappears.

JD

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