Subject: Re: TVRD, Decomposed = ? and 24bit display
Posted by maarten on Fri, 12 Apr 2002 11:10:53 GMT
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Hi again,
actually I "solved" the problem after a few more desperat tries and
some more reading on Fannings excellent tricks-pages.

First I put Device, Decomposed = 0, to get good looking plots in the
window.
But right before the TVRD command I put Device, Decomposed = 1, to get it to
work.

```
 In comp.lang.idl-pvwave, you wrote:
 > Hi all,
 >
 > I'm new to this newsgroup, but been working with IDL for a while.
 >
           <CUT>
 >
 > Grateful for any help!
 >        Mï¿½rten
 >
 > An example code looks something like
 corrected code will look
 > ;-------------------CODE----------------------------
 > Device, Decomposed = 0
 >
 >
 > ; Create a "split" colortable
 > ncolors = 2.^8
 > LoadCT,0, NCOLORS=ncolors/2,BOTTOM=0          ;BW colorscale
 > LoadCT,5, NCOLORS=ncolors/2,BOTTOM=ncolors/2    ;Colorscale
 >
 > ColorData = ......                  ;Array of data
 > ImageData = ......                   ;Array contaning BW image
 >
 > ; Scale data so that it fits into the two different parts of the colortable
 > ColorData = BYTSCL(ColorData,TOP=ncolors/2.-1)+BYTE(ncolors/2.)
 > ImageData = BYTSCL(ImageData,TOP=ncolors/2.-1)
 >
 > ; Display the data
 > CONTOUR, ColorData,/CELL_FILL, C_COLORS=INDGEN(25)*5+ncolors/2.,$
 >              ....          ;+Alot of positioning commands'
 > TV, ImageData, ....          ;+ Alot of positioning commands
 >
 > ; Save window to file
 > DEVICE, Decomposed = 1
```

```
> screendump = TVRD(True=1)
> WRITE_PNG,'filame.png',screendump
> ;-----------------END CODE------------------------------
>
>
```

/Mï¿½rten Blixt <Marten.Blixt@phys.uit.no>
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            fax: +47 77 64 55 80

Subject: Re: TVRD, Decomposed = ? and 24bit display
Posted by David Fanning on Fri, 12 Apr 2002 12:37:11 GMT
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Marten Blixt (maarten@blues.phys.uit.no) writes:

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>
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> But right before the TVRD command I put Device, Decomposed = 1, to get it to
> work.

If you download the TVREAD program from my web page,
it will take care of all the mumbo-jumbo for you,
as well as allowing immediate output to a number
of file output formats.

  http://www.dfanning.com/programs/tvread.pro

Cheers,

David
--
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Fanning Software Consulting
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: http://www.dfanning.com/
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: TVRD, Decomposed = ? and 24bit display
Posted by David Fanning on Fri, 12 Apr 2002 14:35:18 GMT

Marten Blixt (maarten@blues.phys.uit.no) writes:

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Cheers,

David
--
David W. Fanning, Ph.D.
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