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Subject: Re: Student vs. normal version

Posted by [Kenneth P. Bowman](#) on Thu, 24 Nov 2005 21:35:02 GMT

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In article <1132848333.541287.60610@o13g2000cwo.googlegroups.com>, nmd.oliveira@gmail.com wrote:

> Do you save 3D variables in the PNG format? (As an alternative to make  
> scientific "movies"?)  
> If I try to pass a 3D var to the WRITE\_PNG routine I get this error  
> message:  
>  
> % WRITE\_PNG: Image array must be (n,m) or (1-4,n,m).  
>  
> I see the in the reference guide (pag.2523) that they refer the  
> possibility of saving a 3D variable, but I can't see how.

By 3-D do you mean 24-bit?

This works for me

```
IDL> plot, sin(findgen(10))  
IDL> write_png, 'test.png', tvrd(true=1)
```

For some reason PNGs need to be interleaved over the first dimension.

To make movies I write a series of PNGs and use QuickTime to convert to a movie.

Ken Bowman

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