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Subject: Re: JPEG contour plot without IDL graphics window, can this be done?

Posted by [Vince Hradil](#) on Thu, 04 Jun 2009 21:25:13 GMT

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On Jun 4, 4:19 pm, "J. Solbrig" <JSolb...@gmail.com> wrote:

> So, typically it has been unnecessary for me to create anything other  
> than postscript files for my data output. Now, however, because  
> someone has asked for it, I need to figure out how to create jpeg  
> versions of hundreds of contour plots with superimposed maps and  
> colorbars.  
>  
> So far, I have been able to figure out one method for creating the  
> jpegs, but it is much too slow considering the number of plots that  
> need to be created. For the current method, I create my image in the x-  
> windows device, then use the following:  
>  
> write\_jpeg, filename, jpeg\_file, tvrd(/true), /true  
>  
> There must be a better way to handle this that does not require  
> opening a graphics window, copying the data from the window, then  
> outputting it to a jpeg, right? Any suggestions would be appreciated.  
>  
> - Jeremy

Write it to the z-buffer?

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Subject: Re: JPEG contour plot without IDL graphics window, can this be done?

Posted by [David Fanning](#) on Thu, 04 Jun 2009 21:33:39 GMT

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J. Solbrig writes:

> There must be a better way to handle this that does not require  
> opening a graphics window, copying the data from the window, then  
> outputting it to a jpeg, right? Any suggestions would be appreciated.

I *\*definitely\** recommend ImageMagick. IDL is about the  
*\*last\** place I would go to do this. Convert your PostScript  
files directly to JPEGs. :-)

Cheers,

David

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David Fanning, Ph.D.

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Subject: Re: JPEG contour plot without IDL graphics window, can this be done?  
Posted by [J. Solbrig](#) on Thu, 04 Jun 2009 22:16:41 GMT

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On Jun 4, 2:33 pm, David Fanning <n...@dfanning.com> wrote:

> J. Solbrig writes:

>> There must be a better way to handle this that does not require  
>> opening a graphics window, copying the data from the window, then  
>> outputting it to a jpeg, right? Any suggestions would be appreciated.

>

> I *\*definitely\** recommend ImageMagick. IDL is about the  
> *\*last\** place I would go to do this. Convert your PostScript  
> files directly to JPEGs. :-)

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Coyote's Guide to IDL Programming (www.dfanning.com)

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Thanks, it looks like ImageMagick will do the trick. It kind of  
surprises me, though, that idl isn't able to do something like this.  
Oh well, such is life.

Jeremy

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Subject: Re: JPEG contour plot without IDL graphics window, can this be done?  
Posted by [David Fanning](#) on Thu, 04 Jun 2009 22:46:30 GMT

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J. Solbrig writes:

> Thanks, it looks like ImageMagick will do the trick. It kind of  
> surprises me, though, that idl isn't able to do something like this.  
> Oh well, such is life.

Oh, IDL is able to do it. I thought you were looking  
for a more elegant solution. :-)

Cheers,

David

--

David Fanning, Ph.D.

Coyote's Guide to IDL Programming ([www.dfanning.com](http://www.dfanning.com))

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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Subject: Re: JPEG contour plot without IDL graphics window, can this be done?

Posted by [Mike\[2\]](#) on Fri, 05 Jun 2009 15:35:19 GMT

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On Jun 4, 6:46 pm, David Fanning <n...@dfanning.com> wrote:

> Oh, IDL is able to do it. I thought you were looking  
> for a more elegant solution. :-)

How about using both? ;-)

```
spawn, 'convert ' + file + '.ps ' + file + '.jpg'
```

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