
Subject: Re: Problems importing IDL postscript from TV output into Adobe Illustrator

Posted by [R.Bauer](#) on Thu, 23 May 2002 07:35:47 GMT

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Eric Jensen wrote:

>
> I'm using IDL 5.3 under Linux to create some postscript files that I'd
> like to include in an Adobe Illustrator document. This works fine with
> line drawings (PLOT, CONTOUR, etc.) but if I create a postscript file
> using TV (or David Fanning's TVIMAGE), I cannot import it into
> Illustrator. When I try to open the postscript file in Illustrator
> or place it into an Illustrator document, one of two things happens:

Dear all,

I am often using scribus

<http://web2.altmuehlnet.de/fschmid/>

Scribus is a Layout program for Linux, similar to Adobe PageMaker, QuarkXPress, Adobe InDesign, except that it is published under the GNU GPL.

I have successfully read in your image and I am able to save it in eps.
If you are interested I could mail you the result.

Another problem we have had at the linux is solved by this too.
The eps output is in cmyk and if you like you can do color separations.

regards

Reimar

>
> 1. If I created the postscript file without setting it to
> be encapsulated (i.e. 'device, Encapsulated=0'), I get
> the error "The MPS parser is unable to parse the file".
>
> 2. If I create an encapsulated postscript file (using
> 'device, Encapsulated=1') then the open just fails
> silently. It opens an empty document (or if I'm placing
> an image in an open document, nothing happens - I don't even

> get an empty rectangle indicating a blank object placed there).
>
> Note that Illustrator doesn't need an embedded preview - it will
> quite happily display non-encapsulated postscript files with no
> previews that I've created in IRAF or PGPLOT (or even IDL with PLOT,
> but not with TV).
>
> Choice of color table doesn't seem to matter, nor does using
> /COLOR or not for the postscript device.
>
> Under Linux, I can open the offending postscript files with
> ghostview, and they print with no problem.
>
> Does anyone have any idea what's going on, or other things to try?
> I've looked around David Fanning's book and website and didn't find any
> clues there, nor is there anything obvious in Adobe's Illustrator
> support docs on their site.
>
> My system: IDL 5.3 under Redhat Linux 6.2; Illustrator 10.0.1 under
> Mac OS X 10.1.3
>
> Here's a minimal program that will generate a postscript file
> that causes this problem:
>
> pro test_tv, myfile, encap
>
> loadct, 0
> set_plot, 'ps'
> device, file=myfile, Encapsulated=encap
> ; Make a 100x100 image with random pixels from
> ; 0 to 2^8 (to get random 8-bit grayscale pixels)
> x = randomu(seed, 100, 100)*(2.^8 - 1)
> tv, x
> device, /close
>
> end
>
> Thanks in advance for your help.
>
> Eric Jensen
> Dept. of Physics and Astronomy
> Swarthmore College

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Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich

email: R.Bauer@fz-juelich.de

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)