
Subject: Re: Problems importing IDL postscript from TV output into Adobe Illustrator
Posted by [Randall Skelton](#) on Wed, 22 May 2002 14:14:12 GMT

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I just tried your code... I observe the same problem with Illustrator 10.0 under OS X. Even after using 'ps2ps' to remove dodgy postscript, I still have problems... I don't have version 9 installed anymore but I don't remember this being a problem before.

Cheers,
Randall

On Wed, 22 May 2002, Mike Kaiser wrote:

>
> Using IDL 5.3 running under UNIX on our Sun workstations, I import (into
> Illustrator on my PC) files created with TV all the time without any
> problems. I've been doing this regularly since IDL 3.x, so I doubt your
> problem has to do with the IDL version.
>
> Mike Kaiser kaiser@panacea.gsfc.nasa.gov
>
>
> "Eric Jensen" <ejensen1@swarthmore.edu> wrote in message
> news:245670e3.0205211057.466f3b5e@posting.google.com...
>> 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:
>>
>> 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, no 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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