
Subject: Re: Religious Wars

Posted by [lecacheux.alain](#) on Tue, 25 Oct 2011 08:22:33 GMT

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On 25 oct, 01:19, Manodeep Sinha <manod...@gmail.com> wrote:

> On Oct 24, 5:29 pm, Paul van Delst <paul.vande...@noaa.gov> wrote:

>

>

>

>

>

>> David Fanning wrote:

>>> Folks,

>

>>> I am not trying to start a religious war here, but I

>>> have some reason to believe the software Mac owners

>>> use to view PostScript files is screwy. :-)

>

>>> Or maybe it's Windows user's software, I don't know.

>>> I'm just trying to get to the bottom of a perplexing

>>> problem.

>

>> Probably windows.... (see below)

>

>>> The issue concerns encapsulated PostScript files. Here

>>> are two encapsulated PostScript files:

>

>>> http://www.idlcoyote.com/misc/a_orig.eps

>>> http://www.idlcoyote.com/misc/a_modified.eps

>

>>> If I open these files on my Windows machine, using the

>>> latest version of GSView (a GUI to GhostScript), then

>>> the a_orig.eps file looks perfect as long as I modify the

>>> GSView view to landscape orientation. If I view the

>>> a_modified.eps file, the output looks cut off at the far

>>> end in both portrait and landscape orientations.

>

>> On my linux box (RHE5), the file a_orig.eps is all screwy (no matter what orientation I choose in kghostview), and the

>> file a_modified.eps looks just fine.

>

> Same results on my linux box (RHE5 as well - so no big surprise here).

> gv does not display a_orig.eps properly (regardless of orientation);

> however, if I toggle the BBox button and select an A4 page-size, then

> I can see the plot. Running eps2eps on a_orig.eps also worked -- only

> the orientation needs to be changed in this case and not the BBox

> setting. a_modified.eps works fine with default gv settings.

>

```

> Cheers,
> Manodeep
>
>
>
>
>
>>> Oddly enough, Mac users find these results, too, but
>>> for the opposite files!!!
>
>> So, if I read correctly, my linux results agrees with the mac ones.
>
>> Gotta luv them anecdotal data points... :o)
>
>> cheers,
>
>> paulv
>
>>> If I put these documents in, say, Google Docs, then
>>> Google appears to agree with the Windows outlook
>>> on things. Of course, if I put them in Windows documents
>>> (Word, Framemaker, etc.) they agree with the Windows
>>> outlook, too. In fact, the only thing that *doesn't*
>>> agree with the Windows outlook, that I have been able
>>> to find in my experimenting, are Macintosh applications.
>
>>> So, here is my question. Is this a religious war? Should
>>> these eggs be broken on the big end or the little end?
>
>>> Any help greatly appreciated!
>
>>> Cheers,
>
>>> David- Masquer le texte des messages précédents -
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> - Afficher le texte des messages précédents -- Masquer le texte des messages
précédents -
>
> - Afficher le texte des messages précédents -

```

If you look at both PS source files, you can find that the 'orig' file contains a "portrait" plot (BoundingBox 0 0 437 712) within a "landscape" page (PageOrientation:Landscape, PageBoundingBox 180 75 437 712) on which some translation/rotation of the plot (180 rotate -612 -792 translate) has been done, while the 'modified' file contains a "landscape" plot (BoundingBox 0 0 712 437) within a "portrait" page (PageOrientation:Portrait, PageBoundingBox 0 0 712 437) [note, here, the amazing contradiction: "portrait" and $X > Y$!] without any further

operation.

In addition IDL, in creating these files, has added the somewhat cryptic statements

```
'orig':  $IDL_DICT begin 0 752 translate 0.0283465 dup scale 270  
rotate MITERLIMIT
```

```
'modified': $IDL_DICT begin 0.0283465 dup scale MITERLIMIT
```

What a mess !

I love those "standard file formats" like PostScript...

alx.
