Subject: Re: EPS output from functional graphic 'LARGE' size
Posted by Haojie Xu on Tue, 03 Mar 2015 17:35:59 GMT
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On Tuesday, March 3, 2015 at 10:12:48 AM UTC-7, Chris Torrence wrote:
> On Monday, March 2, 2015 at 9:00:05 PM UTC-7, Haojie Xu wrote:
>> Hi there,
>>
>> I use IDL functional graphic to create eps file inserted to latex
>> but however, I found the size of eps file is way too large.
>> say,
>> IDL> x = [0:100:0.1]
>> IDL> pl = plot(x,sin(x),'-b')
>> IDL> pl.Save,'test_sin.eps'
>>
>> it ends up with a file like 46Megabytes file.
>> For pdf output file, it seems okay, reasonable size but I found preview has some issue to opensome pdf output file from IDL.
>>
>> Is there any suggestion that I can use functional graphics to produce elegant eps file?
>>
>>
>> Thanks
>> H
>
> Hi H,
>
> It looks like it is defaulting to "bitmap" format instead of "vector". I don't know why. When I run your commands I get a tiny EPS file (only about 24 KB). Try forcing it to use vector:
>
> pl.Save,'test_sin.eps',bitmap=0
>
> Cheers,
> Chris
> ExelisVIS

Hi Chris,

Yes, you are right. I use bitmap = 1 for default because I use some symbols in labels or titles,i.e., $M_{\odot}$, which is required to add this flag to show correctly on vector eps and pdf.

To avoid this, maybe I can use some function like 'TEXTOIDL' to produce the string I need and then put it on whatever I want.

Sounds ok?(I have not text this idea yet) or maybe other elegant way?

Best,
H