
Subject: Re: plotting graphics for web pages
Posted by [pgrigis](#) on Tue, 20 May 2008 19:24:42 GMT
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David Fanning wrote:

> Paul van Delst writes:

>
>> I assume you're pulling my whizzer here since I know I don't do anything that isn't
>> already known. Maybe it's just a convention thing on my part?

>
> Despite the fact that Paul thinks everyone knows how to produce
> IDL output for display on the Web and in Powerpoint slides, *I*
> didn't know it. So, as is my practice, I wrote it down so I
> won't forget it.

>
> Actually, I was slightly more ambitious than that, since I
> also wrote a couple of new programs for the Coyote Library
> while I was about it to make this even easier to accomplish.
> (I need lots of graphics for my web page, so I figured an
> up-front investment now would save me lots of time later.)

>
> In particular, I wrote my own version of Liam's wonderful
> programs PSON and PSOFF, called PS_START and PS_END because
> I am inordinately fond of PSConfig and hate to give that
> up. (One of the nicest programs I ever wrote, if you don't
> look at the code. And, incidentally, I found a bug in that
> code--after all these years!--so if you want to use the
> new routines, you will also need a new version of
> fsc_psconfig__define.pro. I'd get the whole damn library,
> since there have been a ton of changes in the past week or
> so.)

>
> One feature of PS_END that you won't find in PSOFF is
> the ability to immediately convert IDL PostScript output
> to JPEG, PNG, or TIFF output, simply by setting the
> appropriate keyword. (Although I expect to see this
> functionality in PSOFF by the end of the day. :-)

>
> In any case, if you want to have a look at the article,
> you can find it here:

>
> http://www.dfanning.com/graphics_tips/weboutput.html

>
> It has rather dramatic pictures, I think, of what normal
> PNG file output looks like, and the same output converted
> with ImageMagick. Clearly, there is no possible way I am
> ever returning to TVREAD. :-(

Nice, but I'll argue that you should make the font size of the contour & colorbar label 30-50% bigger. As a matter of fact, it is hard to discern whether the first contour is 256 or 268 or something like that from the converted image (while this is clearly readable in the Hershey font version).

Ciao,
Paolo

>
> Cheers,
>
> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
