Lasse Clausen wrote:
> On 4 Dec, 20:43, pgri...@gmail.com wrote:
>> Hi,
>>
>> I just want to point out that there exists an implementation in the
>> solarsoft library (which admittedly require the whole library
>> to be installed, as it calls many other routines) called spectro_plot,
>> which also allows for logarithmic axis (which I think is a nice
>> feature,
>> and not easy to implement from scratch).
>
> Well, using the POLYFILL approach you don't need to worry about that.
> The PLOT, /NODATA, /YLOG command plots the coordinate system and then
> POLYFILL figures out where to place the pixel, how high it is and so
> on and so on. No fiddling with the original data required by the user,
> IDL takes care of it.
>
> Actually, I'm quite happy with my approach. I don't need to worry
> about any padding, cropping, rebinning, logarithmic axis etc - which
> is nice. The PostScript files get quite big, admittedly, but I can
> gzip them, reducing the size by a factor of 15-20 as ps files are
> ASCII files. In Windows I can still just double click on the .ps.gz
> and GsView decompresses it automatically. And if need be the ps's are
> readily converted to png to make them even smaller.

May I ask what is the practical limit in the size of image (in, say,
megapixel)
for using this approach before it gets too slow? I agree that your
idea is
easier and simpler for small images, but I don't think it works on
large
images, because of the overhead of calling polyfill so many times...

Ciao,
Paolo


>
> As I said, I just wanted to know what other people use.
>
> Cheers
> Lasse