
Subject: Re: Different sized pixels in pg_plotimage (is this a "feature")

Posted by [pgrigis](#) on Tue, 20 Jan 2009 19:58:21 GMT

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Craig Markwardt wrote:

>> Liam,
>>
>> thanks this is another great solution to this.
>>
>> I find it infinitely interesting how different people approach

>> based much on the approach and the particulars of the problem it was
>> intended for.
>>
>> pg_plotimage has the advantage of specifying img, x, y so it does the
>> axes for you and will scale the pixels log etc but doesnt provide a
>> clean way to set the zrange (color range), and has some 1/2 pixel
>> things that are more or less worked out now
>>
>> imdisp has the advantage of being a very clean way to display an image
>> but the user has to specify the axes themselves, which is often a good

>> obvious in x and y
>
> ...
>
> And it's strange to see PG_PLOTIMAGE, since PLOTIMAGE has been doing
> the same thing for close to a decade.... :-) (with image intensity
> scaling, axes, standard graphics keywords, pan and zoom, the works).

Hi Craig,

the one and only reason I wrote pg_plotimage was log-scaling in y for
spectrograms
(but it was a good learning experience too;-)).

There are solarsoft routines that do it, but they are not stand-alone
and are a bit
more tricky to fine-tune. But that's where I stole the main ideas ;-)

But the fact that several different versions of programs with similar
functionality
exists does point out to a deficiency of IDL built-ins, and is a mystery
for me why
such basics stuff has never been implemented by ITT.

Ciao,

Paolo

>
> Craig
>
> Available from my web page...
> <http://www.physics.wisc.edu/~craigm/idl/graphics.html>
