Subject: Re: Different sized pixels in pg_plotimage (is this a "feature")
Posted by pgrigis on Tue, 20 Jan 2009 20:03:51 GMT
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Paolo wrote:
> 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 themselfs, 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;-)).

The time, of course, would have better been spent
by building an improved google news-reader/writer
that doesn't mangle posts so much and uses fixed-width
fonts ;-)

Ciao,
Paolo

>

> 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 deficency of IDL bult-ins, and is a mistery
> 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
