Subject: Re: Different sized pixels in pg_plotimage (is this a "feature") Posted by pgrigis on Tue, 20 Jan 2009 19:58:21 GMT

View Forum Message <> Reply to Message

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;-)).

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