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

Posted by [pgrigis](#) on Fri, 16 Jan 2009 20:40:32 GMT

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Brian Larsen wrote:

- > While I'm not sure how to fix it the error is evident in the
- > difference between these two cases.
- > IDL> pg_plotimage, dist(4), findgen(4), findgen(4), /iso, /fulledges
- > IDL> pg_plotimage, dist(4), findgen(4), findgen(4), /iso, /fulledges,
- > xrange=[-1,5], yrange=[-1,5]
- >
- > In the first one you get 4x4 pixels but all the borders are half sized
- > In the second one you get 4x4 pixels that are all the same size.

Yes, because the image is clipped to the plot area.

This is a failure of the automatic xrange selection process.

I have fixed that (but you may have to use /xstyle and /ystyle to avoid a margin around the image, similar to the way plot works).

```
pg_plotimage, dist(4), findgen(4), findgen(4), /iso, /fulledges, /xst, /yst
```

Ciao,
Paolo

- >
 - > So it has something to do with letting idl set the x and y ranges in
 - > the plot. That I can live with since I can set it manually.
 - >
 - >
 - >
 - > Brian
 - >
 - > -----
 - > Brian Larsen
 - > Boston University
 - > Center for Space Physics
 - > <http://people.bu.edu/balarsen/Home/IDL>
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