
Subject: Re: IMDISP: A smart image display program

Posted by [davidf](#) on Thu, 18 Nov 1999 08:00:00 GMT

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Liam Gumley (Liam.Gumley@ssec.wisc.edu) writes:

> IMDISP is a new IDL program which does everything possible (well,
> everything I know) to make it easy to display images in IDL. Features
> include:

Very nice job here, Liam. I stole a couple of your ideas for my own TVImage program. Particularly your automatic recognition of the !P.Multi system variable. I don't know why it is so hard to think of simple ideas sometimes. But you have done a great job with this. :-)

I have just one suggestion. By default the image is very small when you set the !P.Multi system variable. I discovered, after playing around with it for a couple of minutes, that this was because the Margin was still set to 0.1. I like your idea of maintaining the aspect ratio of the image, but I would automatically turn the margins off unless they were explicitly asked for when plotting multiple images.

That's is. I like everything about it.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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Subject: Re: IMDISP: A smart image display program

Posted by [Liam Gumley](#) on Fri, 19 Nov 1999 08:00:00 GMT

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David Fanning wrote:

> Very nice job here, Liam. I stole a couple of your ideas
> for my own TVImage program. Particularly your automatic
> recognition of the !P.Multi system variable. I don't know
> why it is so hard to think of simple ideas sometimes.

> But you have done a great job with this. :-)

Thanks for the feedback David. I think it's fair to say that I stole a couple of ideas from your TVImage program in the first place. Craig Markwardt's recent PlotImage update also provided food for thought.

> I have just one suggestion. By default the image is
> very small when you set the !P.Multi system variable.
> I discovered, after playing around with it for a
> couple of minutes, that this was because the Margin
> was still set to 0.1. I like your idea of maintaining
> the aspect ratio of the image, but I would automatically
> turn the margins off unless they were explicitly asked
> for when plotting multiple images.

I'll meet you three quarters of the way: I've changed the default margin to 0.025 normal units when multiple plots are displayed. I've also added better detection of the display depth. The updated version is available at
<http://cimss.ssec.wisc.edu/~gumley/imdisp.html>

Cheers,
Liam.

--

Liam E. Gumley
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