Subject: Re: using plot() function in a batch file
Posted by Michael Galloy on Tue, 11 Jan 2011 19:31:46 GMT

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On 1/11/11 11:45 AM, Marc Buie wrote:
> Folks -
>
> I've been investing some time in working with the new plotting functions in IDL v8.0. Things are still a little rough around the edges but there are definite advantages, particularly the device independence.
>
> There are occasions when I generate graphics in a batch file or cron job. Under these circumstances, the IDL process does not have access to a display (X or otherwise). With direct graphics I used the 'Z buffer' as the device.
>
> Has anyone found a way to do this with the new tools? I've been all over the documentation on this and can't find any relevant discussion. I did try the following:
>
> p=plot(x,y,hide=1)
> p.save,'test.png'
>
> but this crashes with the following message:
>
> % WIDGET_CONTROL: Unable to connect to X Windows display: :0.0
> % PLOT: WIDGET_CONTROL: Unable to establish X Connection.
>
> This doesn't sound very encouraging but I'm still holding out hope that there's something I've forgotten about and just haven't been able to locate in the documentation.
>
> Cheers,
> Marc

Use the /BUFFER keyword to send the output to a buffer. It can then be saved with the save method:

p = plot(x, y, /buffer)
p->save, 'test.png'

Mike
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