
Subject: IDL 8.0.1 pdf

Posted by [Gray](#) on Tue, 09 Nov 2010 16:34:57 GMT

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Hi all,

I'm saving a number of NG plots into a multi-page pdf. I have six plots of lightcurves per landscape page, using the layout=[2,3,...] and /current keywords, but no matter how much I play with the height, width, page_size, and dimensions keywords, I can't get the plots to take up the whole page. They are small and centered with a huge (like 3 inch) margin on each side. If I set xmargin and ymargin, the graphic is moved to a different part of the page but is just as small.

Can anyone tell me how to make a pdf take up more of the page in IDL 8.0.1?

--Gray

Code:

```
PRO plot_lightcurves, time, curves
;ncurve = (size(curves,/dim))[0]
ncurve = 12
last = ncurve - 1
for i=0,last,6 do begin
  p0 = errorplot(time,curves[i,0,*],curves[i,1,*],'D-',$
    sym_filled=1,layout=[2,3,1],dimensions=[1000,600],/buffer)
  if (i eq last) then goto, done
  p1 = errorplot(time,curves[i+1,0,*],curves[i+1,1,*],'D-',$
    sym_filled=1,layout=[2,3,2],/current)
  if (i+1 eq last) then goto, done
  p2 = errorplot(time,curves[i+2,0,*],curves[i+2,1,*],'D-',$
    sym_filled=1,layout=[2,3,3],/current)
  if (i+2 eq last) then goto, done
  p3 = errorplot(time,curves[i+3,0,*],curves[i+3,1,*],'D-',$
    sym_filled=1,layout=[2,3,4],/current)
  if (i+3 eq last) then goto, done
  p4 = errorplot(time,curves[i+4,0,*],curves[i+4,1,*],'D-',$
    sym_filled=1,layout=[2,3,5],/current)
  if (i+4 eq last) then goto, done
  p5 = errorplot(time,curves[i+5,0,*],curves[i+5,1,*],'D-',$
    sym_filled=1,layout=[2,3,6],/current)
  if (i+5 eq last) then goto, done
  p0.save, 'lightcurves.pdf',/append,/landscape
  p0.close
endfor
done:
```

```
p0.save, 'lightcurves.pdf',/append,/close,/landscape
p0.close
end
```

Subject: Re: IDL 8.0.1 pdf

Posted by [penteado](#) on Tue, 09 Nov 2010 17:59:02 GMT

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On Nov 9, 2:34 pm, Gray <grayliketheco...@gmail.com> wrote:

```
> Hi all,
>
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> plots of lightcurves per landscape page, using the layout=[2,3,...]
> and /current keywords, but no matter how much I play with the height,
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> graphic is moved to a different part of the page but is just as small.
>
> Can anyone tell me how to make a pdf take up more of the page in IDL
> 8.0.1?
```

I think that you need to set the margins on one corner with xmargin and ymargin, and on the other side from the plot aspect ratio, the page size and width or height. This gives me a pdf with no borders:

```
IDL> p=plot(/test,dimensions=[1100,850],position=[0.,0.,1.,1.])
IDL> p.save,'test.pdf',width=11.,xmargin=0.,ymargin=0.,/landscape
```

Subject: Re: IDL 8.0.1 pdf

Posted by [Gray](#) on Tue, 09 Nov 2010 18:08:24 GMT

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On Nov 9, 12:59 pm, Paulo Penteado <pp.pente...@gmail.com> wrote:

```
> On Nov 9, 2:34 pm, Gray <grayliketheco...@gmail.com> wrote:
>
>> Hi all,
>>
>> I'm saving a number of NG plots into a multi-page pdf. I have six
>> plots of lightcurves per landscape page, using the layout=[2,3,...]
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```

```
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>> Can anyone tell me how to make a pdf take up more of the page in IDL  
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>  
> IDL> p=plot(/test,dimensions=[1100,850],position=[0.,0.,1.,1.])  
> IDL> p.save,'test.pdf',width=11.,xmargin=0.,ymargin=0.,/landscape
```

Excellent, Paulo, that worked perfectly. Thank you!
