
Subject: Re: Multi-page graphics in IDL 8
Posted by [Mark Piper](#) on Fri, 03 Sep 2010 15:00:49 GMT
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On Sep 2, 2:33 pm, "Kenneth P. Bowman" <k-bow...@null.edu> wrote:

- > We frequently use direct graphics and !P.MULTI to generate graphics output
- > where there are multiple plots on multiple pages. It is not hard to make
- > this work either to the display or to a PS file. When drawing to the display
- > you can wait for a <cr> before moving to the next page. When creating PS, you
- > just draw all the plots to a single file. The PS file can then be easily converted
- > to a multi-page PDF file.
- >
- > With the new Graphics system, I can see how to draw multiple plots in a single
- > window, but not how to create multi-page graphics. Is the concept of multi-page graphics
- > not part of the new Graphics system?
- >
- > I can see that it could be done by keeping track of the number of plots in a window and
- > saving the window to a graphics file when full, etc., but the result is then multiple PDF files
- > rather than a single file.
- >
- > Am I missing something? Is there an easy way to do what I need with the New Graphics
- > system, or do I need to stay with Classic Graphics.
- >
- > Thanks, Ken Bowman

Hi Ken,

Spawning a call to ImageMagick's 'convert' program will join several PS files into a single PDF file:

```
infile = ['plot1.eps', 'plot2.eps']
infile = strjoin(infile, ' ')
outfile = 'plots.pdf'
cmd = 'convert -density 300 ' + infile + ' -quality 100 ' + outfile
spawn, cmd
```

mp
