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Subject: Re: Save big plots into any file  
Posted by [Phillip Bitzer](#) on Tue, 10 Nov 2015 15:12:33 GMT  
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On Monday, November 9, 2015 at 8:52:07 PM UTC-6, luc...@gmail.com wrote:

> Hello all

> I have a plotting routine that take 6 different files and plots them in an multigraphic window.  
Each plot have at least  $10^6$  points.

Certainly, you can test this, outside of your current, multigraphic workflow to try to answer the question:

```
p= PLOT(RANDOMN(1L, 1000000), layout=[1, 2, 1])
p2= PLOT(RANDOMN(1L, 1000000), layout=[1, 2, 2], /CURR)
tic
;p.symbol=4
p.save, 'test.png'
toc
```

For me, this took 60 seconds. If I actually plot the points (by adding `p.symbol=4`), then it takes 121 seconds.

You can then try to add plots to see how the time changes:

You can then add a second plot:

```
p= PLOT(RANDOMN(1L, 1000000), layout=[1, 2, 1])
p2= PLOT(RANDOMN(1L, 1000000), layout=[1, 2, 2], /CURR)
tic
;p.symbol=4 & p2.symbol =4
p.save, 'test.png'
toc
```

Without plotting the individual points, it takes 55 seconds (?!); plotting each point, it takes 175 seconds.

These simple tests will allow you to figure out where the problem may be, and help answer your questions.

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