
Subject: Re: Is there a way to undo a plot?
Posted by [David Fanning](#) on Fri, 05 Oct 2007 13:37:57 GMT
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mystea writes:

> However, sometimes I do make a mistake on a plot. Instead of starting
> the whole plot again(say, my plot is composed of many overplots), I
> only want to undo one step and continue my experiment. Is there anyway
> to do this?

Sometimes this works OK:

OPlot, lastthingy, COLOR=!P.BACKGROUND

It's the poor man's way of erasing something.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Is there a way to undo a plot?
Posted by [Conor](#) on Fri, 05 Oct 2007 14:24:38 GMT
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Also, I think that if you use the object-oriented graphing routines (IDLGR?) you can re-do plots easily. I don't know though, I've never used them.

On Oct 5, 9:37 am, David Fanning <n...@dfanning.com> wrote:

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> David Fanning, Ph.D.
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Subject: Re: Is there a way to undo a plot?
Posted by [David Fanning](#) on Fri, 05 Oct 2007 14:56:42 GMT
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Conor writes:

> Also, I think that if you use the object-oriented graphing routines
> (IDLGR?) you can re-do plots easily. I don't know though, I've never
> used them.

They are rather hard to use in a batch file. ;-)

Cheers,

David

--

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Subject: Re: Is there a way to undo a plot?
Posted by [mystea](#) on Fri, 05 Oct 2007 16:59:01 GMT
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Thank you guys. I tried the oplot method and it kind of worked. The only setback is that it also erase a small portion of other plots if there are intersections between two plots.

By the way, David, I am not a big fan of batch file...I just happened to be using it because I just learned that new trick. So, please please teach me if there is a proper way to undo plots...without batch files. :P

Gene

On Oct 5, 6:37 am, David Fanning <n...@dfanning.com> wrote:

> mystea writes:

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>> the whole plot again(say, my plot is composed of many overplots), I
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Subject: Re: Is there a way to undo a plot?

Posted by [David Fanning](#) on Fri, 05 Oct 2007 17:08:11 GMT

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mystea writes:

> By the way, David, I am not a big fan of batch file...I just happened
> to be using it because I just learned that new trick. So, please
> please teach me if there is a proper way to undo plots...without batch
> files. :P

Sigh...

You'll have to wait for my next book. But rest assured, it
involves objects and the "UNDO" method. :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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Subject: Re: Is there a way to undo a plot?
Posted by [R.G.Stockwell](#) on Fri, 05 Oct 2007 17:21:59 GMT
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"mystea" <idllerner@gmail.com> wrote in message
news:1191577059.313766.196290@y42g2000hsy.googlegroups.com...
> To myself, one of the attractive features of IDL is its ability to try
> out "what's going to happen" in the terminal mode before writing a
> full program. For example, I can try plotting my data with different
> keywords on screen, figure out which set of keywords does the job,
> then copy them and paste them to my code.

I agree, I do the exact same thing, exploring through data. However, I
write
my commands in a small main level program, so I can always reproduce
it, and replot it very easily. I usually save off a copy if there is
something interesting
and increment the filename (datalook1.pro, datalook2.pro).

After getting a handle on the data, I use that code as a template for the
real analysis routines, which are always saved so I can always reproduce a
figure
(for a paper or whatever).

Cheers,
bob

Subject: Re: Is there a way to undo a plot?
Posted by [Jim Pendleton](#), [ITT Vi](#) on Fri, 05 Oct 2007 17:57:22 GMT
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If you're using IDL 6.2 or later, you can grab your command history
buffer, edit any necessary lines, and paste them back to the command
line.

A couple years ago I wrote a handy utility for managing the command history
buffer. It's available at

<http://www.ittvis.com/codebank/search.asp?FID=350>

When the command history window is in focus, you can edit the text, select the lines you want to execute and copy them. Then switch focus to the IDE command line and paste them in for execution.

When you find you have a group of commands that you execute often, paste them into a .pro file and you've got the start of your very own utility library.

Jim P.

"mystea" <idllearner@gmail.com> wrote in message
news:1191577059.313766.196290@y42g2000hsy.googlegroups.com.. .
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> out "what's going to happen" in the terminal mode before writing a
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