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Subject: Re: How to erase a (function graphics) plot.  
Posted by [Bob\[4\]](#) on Sun, 11 May 2014 19:01:40 GMT  
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On Monday, March 5, 2012 10:02:57 AM UTC-7, Mark Piper wrote:

> On 3/5/2012 5:53 AM, alx wrote:

>

>> On 5 mar, 06:27, wlandsman<wlands...@gmail.com> wrote:

>

>>> I am building a widget application with a widget\_window for displaying function graphics plots. By default, function graphics does not erase the old plot in the same window.

>

>>>

>

>>> p1 = plot(indgen(10))

>

>>> p2 = plot( sin(indgen(10)),/current)

>

>>>

>

>>> There is a delete method

>

>>>

>

>>> p1.delete

>

>>>

>

>>> but that doesn't delete the axes, which still get jumbled together. There is a close method but that destroys the window, and I'd like to keep reusing the widget\_window.

>

>>>

>

>>> Right now I am erasing the plot by loading a white IMAGE() but I hope there is a better way.

>

>>>

>

>>> Thanks, --Wayne

>

>>>

>

>>>

>

>>

>

>> p1.delete looks like to be equivalent to p1.setdata(0), i.e. erasing

>

>> only the data. If you want to erase the entire plot, you can erases

```
>
>> the axes by doing:
>
>> IDL> p1['AXIS0'].delete ;erase X axis
>
>> IDL> p1['AXIS1'].delete ;erase Y axis
>
>> alx.
>
>
>
> In 8.2, there will be an ::Erase method for NG, analogous to ERASE for
>
> DG. (In 8.0 & 8.1, I've "erased" plots as Alain has.)
>
>
>
> mp
```

Did this happen? I don't see it in 8.3.

An erase method would be very useful. I find that when I rerun a script that creates a (function graphics) plot it always creates a new window, which steals the focus (and pops up the new window in the wrong place). This drives me crazy. It would be much better if I could erase the old one and reuse the same window. Then my window layout would stay put and focus would stay in the editing window.

Am I missing something?

Bob

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