Subject: Re: How to erase a (function graphics) plot.
Posted by Mark Piper on Mon, 05 Mar 2012 17:02:57 GMT
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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