Subject: Non Nom on the Memory
Posted by Aaron Kennedy on Sat, 08 Oct 2011 08:02:31 GMT
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Greetings,

I have a relatively simple program that creates a plot of some data for each day over many years. I'm using IDL 8.1, and thus the new graphics system. I have some object out=plot(balbalba) with the graphics going to a buffer. The problem I have is after looping over many days, IDL eats up the 8gb of ram on my system quite quickly at which point things go south. What is the proper way to clean up the graphics objects after each day such that I avoid the memory issues?

I've tried a few different techniques such as setting the variables to 0 (no help) and delvar. My preliminary google sleuthing yielded David's undefine.pro and when I try to run this, I get a:

SAVE: Target not found: /TOOLS/GRAPHIC_2/WINDOW error after the first day completes.

Any suggestions?

Subject: Re: Non Nom on the Memory
Posted by chris_torrence@NOSPAM on Mon, 10 Oct 2011 23:14:33 GMT
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Hi Aaron,

If you do:
out.close
after you do each plot, then it should free up the memory.

Cheers,
Chris
ITTVIS

Subject: Re: Non Nom on the Memory
Posted by chris_torrence@NOSPAM on Mon, 10 Oct 2011 23:23:35 GMT
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I just thought of a different option.

Rather than regenerating the plot each time, you might try using the "SetData" method to just

replace the plot data. This may not work depending upon whether you have set your axis ranges or not. If it does work, then that would require the least amount of memory.

If it doesn't work, then you can use the "close" method.

-Chris

Subject: Re: Non Nom on the Memory
Posted by Aaron Kennedy on Tue, 11 Oct 2011 19:28:21 GMT
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On Oct 10, 6:23 pm, Chris Torrence <gorth...@gmail.com> wrote:
> I just thought of a different option.
>
> Rather than regenerating the plot each time, you might try using the "SetData" method to just replace the plot data. This may not work depending upon whether you have set your axis ranges or not. If it does work, then that would require the least amount of memory.
>
> If it doesn't work, then you can use the "close" method.
>
> -Chris

Thanks for the suggestions!
