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Subject: Re: QUESTION: is there a command in idl which could clean up memory pieces?

Posted by [pgrigis](#) on Thu, 23 Oct 2008 17:49:25 GMT

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Tatcher wrote:

>> Tatcher wrote:

>>> Hej!

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>>> I have a similar problem.

>>

>>> I am analyzing shots measured in a tokamak. The problem in my case is, >>> that the program opens up to 10 iplot windows per shot. Each window >>> contains 420000 data points. After approx. 15 shots, the Computer runs >>> out of memory (2 GB).

>>> I have the same problem when I suppress the visualisation of the iplot >>> windows (user\_interface='n') and dump the picture of the plot directly >>> to the harddisk instead.

>>> Although my program runs in a loop and all the variables are defined >>> only once and are rewritten for each shot. In my case iPlot seems to be >>> the problem. Is it possible that every iPlot window reserve a certain >>> amount of memory? How do you plot your data?

>>

>> Why don't you close the iplot window after each plot?

>>

>> Paolo

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>>> My solution: I will try to use float instead of double numbers and I >>> will upgrade my PC to 8 GB RAM

>

> Unfortunately that is not possible. iPlot windows are "locked" as long > the program is executed. e.g. It's not possible to use the build in > Zoom function, annotate the plot or simply close it.

Then you should make the program close it when it's done with it.

Paolo

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