
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!

>>

>>> 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 as 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
