
Subject: Re: more memory issues

Posted by [Michael Wallace](#) on Tue, 20 Sep 2005 14:20:50 GMT

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IDLmastertobe wrote:

> hi, i am still pretty confused on which object is taking up all my RAM. I
> have 1GB of installed RAM. When I worked with the smaller file with
> dimension 52x52x52, i found it created about 50 objects to visualize.
> When I worked on the larger file with 257x257x257, it created 47 objects.
>
> But the large file ate up all the RAM before it even appeared. I am just
> wondering if there is any call or procedure that enable me to find out
> which object or array,etc is taking up all my RAM. Is there such a
> function? with detailed memory usage of its component? anyone has any
> suggestion on how I can discover the culprit? Thanks
>

As has been suggested before, some example code will help...

-Mike

Subject: Re: more memory issues

Posted by [Rick Towler](#) on Tue, 20 Sep 2005 16:45:46 GMT

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Michael Wallace wrote:

> IDLmastertobe wrote:

>
>> hi, i am still pretty confused on which object is taking up all my
>> RAM. I
>> have 1GB of installed RAM. When I worked with the smaller file with
>> dimension 52x52x52, i found it created about 50 objects to visualize.
>> When I worked on the larger file with 257x257x257, it created 47 objects.

The # of objects is irrelevant. I can create thousands of really small objects and have RAM to spare but I know that I could try to create a single object that would consume all and more of my system's resources.

>> But the large file ate up all the RAM before it even appeared.

Exactly. IDL couldn't allocate enough ram to create the IDLgr* objects which you are using to display your data.

>> I am just
>> wondering if there is any call or procedure that enable me to find out
>> which object or array,etc is taking up all my RAM. Is there such a
>> function? with detailed memory usage of its component? anyone has any

>> suggestion on how I can discover the culprit? Thanks

Maybe I am old fashioned, but I just follow the data.

> As has been suggested before, some example code will help...

Yes, you are well beyond the point where we can offer help w/o seeing some code. To increase your chances of success, you'll need to distill your code down to the barest essentials as no one here is going to wade thru hundreds of lines of code. This process will undoubtedly teach you a lot along the way so it is usually worth it.

-Rick

Subject: Re: more memory issues

Posted by [IDLmastertobe](#) on Tue, 20 Sep 2005 21:42:35 GMT

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Thanks

I think I have found solutions to my problem. The object wasn't the cause of the problem. There was duplicated copies of the image hidden in the code. I found them and corrected them. I thank you so much for your help along. I appreciate your time.
