Subject: Performance issues
Posted by Sean Raffuse on Fri, 21 Jun 2002 15:12:25 GMT
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Hello brain trust,

I have a batch routine that does a number of manipulations on large data
sets (multi-dimensional arrays). The program works fine. However, it has
slowdown problems. The program processes the datasets one at a time. The
first one takes about 15 minutes or so.   By the fourth or fifth dataset,
the processing time is about double. This question may be too general, but
what are the common causes for this in IDL? I can watch my memory usage in
the task manager and it is not increasing. Since you can't use delvar
outside of the main program, what else can I do? Does this even matter? I
am creating the same variables each time the batch runs.

thanks for your help,

Sean

Subject: Re: Performance issues
Posted by R.Bauer on Mon, 24 Jun 2002 16:01:21 GMT
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Sean Raffuse wrote:
>
> Hello brain trust,
>
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> sets (multi-dimensional arrays). The program works fine. However, it has
> slowdown problems. The program processes the datasets one at a time. The
> first one takes about 15 minutes or so.   By the fourth or fifth dataset,
> the processing time is about double. This question may be too general, but
> what are the common causes for this in IDL? I can watch my memory usage in
> the task manager and it is not increasing. Since you can't use delvar
> outside of the main program, what else can I do? Does this even matter? I
> am creating the same variables each time the batch runs.
>
> thanks for your help,
>
> Sean

Dear Sean,

There are some tools in idl which may help to find what's happen.

Did you know the profiler ?

e.g.
profiler,/system
routine
profiler,/report

If memory isn't increasing did this mean you don't use the swap file
or are you using it?

Reimar

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Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
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      a IDL library at ForschungsZentrum Juelich
 http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h tml
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