Subject: Re: IDL profiler

Posted by David Fanning on Thu, 23 Sep 2010 12:25:27 GMT

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Mrunmayee writes:

- > Can someone explain me the columns in the output of
- > IDL> profiler, /report

>

- > I am not sure I understand the columns "Only" and "Time". Obviously,
- > 'Only' lists the time spent *only* in that particular routine. But
- > then adding all those up wouldn't give the total time spent in running
- > the code. Yet, "Time" lists time which seems closer to actual time
- > spent in running the code.

>

- > I guess, I am more anxious about times in 'Only' not adding up to
- > total time spent on the code.

Here is an article that might shed some light on these questions for you:

http://www.dfanning.com/code_tips/whyslow.html

Cheers.

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: http://www.dfanning.com/

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: IDL profiler

Posted by Mrunmayee on Sat, 25 Sep 2010 08:24:01 GMT

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On Sep 23, 5:25 pm, David Fanning <n...@dfanning.com> wrote:

- > Mrunmayee writes:
- >> Can someone explain me the columns in the output of
- >> IDL> profiler, /report

>

- >> I am not sure I understand the columns "Only" and "Time". Obviously,
- >> 'Only' lists the time spent *only* in that particular routine. But
- >> then adding all those up wouldn't give the total time spent in running
- >> the code. Yet, "Time" lists time which seems closer to actual time

- >> spent in running the code.
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 > http://www.dfanning.com/code_tips/whyslow.html
- > > Cheers,
- >
- > David >
- > --
- > David Fanning, Ph.D.
- > Fanning Software Consulting, Inc.
- > Coyote's Guide to IDL Programming:http://www.dfanning.com/
- > Sepore ma de ni thui. ("Perhaps thou speakest truth.")

David, I did read the article before posting here. My doubts is, should the sum of all the times in the column 'Only' add up to total time spent running the code? If not, (as I find it), why not?

Subject: Re: IDL profiler

Posted by David Fanning on Sat, 25 Sep 2010 13:36:01 GMT

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Mrunmayee writes:

- > David, I did read the article before posting here. My doubts is,
- > should the sum of all the times in the column 'Only' add up to total
- > time spent running the code? If not, (as I find it), why not?

I presume the rest of the time is spent in system routines that aren't listed in the profile, but I really don't know. Nor can I get myself to care too much about it, if you know what I mean. :-)

Why are you treating this information in such an absolute way? If you are looking for places where your code is slow, Profile will show you that. Why care what the absolute time is?

Cheers,

David

David Fanning, Ph.D. Fanning Software Consulting, Inc. Coyote's Guide to IDL Programming: http://www.dfanning.com/ Sepore ma de ni thui. ("Perhaps thou speakest truth.")