
Subject: IDL profiler

Posted by [Mrunmayee](#) on Thu, 23 Sep 2010 06:43:01 GMT

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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.

Subject: Re: IDL profiler

Posted by [Mrunmayee](#) on Mon, 27 Sep 2010 06:05:52 GMT

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> 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.")

I just wanted to make sure I understand what's going on inside the
profiler's belly. I did use the info to identify the part of the code
that was taking up time. As for system routine, I had issued commands
'profiler,/system & profiler' to profile both -user-defined and system
routines. So it showed time spent in my routines as well as routines
such as sin, cos, rebin etc. And my confusion was, even then it
doesn't add up to total time.

Not worrying, though. Just trying to get a clearer picture.

Subject: Re: IDL profiler

Posted by [chris_torrence@NOSPAM](#) on Mon, 27 Sep 2010 18:45:22 GMT

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On Sep 27, 12:05 am, Mrunmayee <gaur...@gmail.com> wrote:

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> doesn't add up to total time.
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> Not worrying, though. Just trying to get a clearer picture.

Have you tried the "Profiler View" in the IDL Workbench? It will give you a graphical display of the profiler results, with a table of the different times. You can then sort on each column, and export the results to a text file, etc.

Just a suggestion.

-Chris
ITTVIS

Subject: Re: IDL profiler

Posted by [Mrunmayee](#) on Wed, 29 Sep 2010 11:25:48 GMT

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On Sep 27, 11:45 pm, Chris Torrence <gorth...@gmail.com> wrote:

> On Sep 27, 12:05 am, Mrunmayee <gaur...@gmail.com> wrote:

>

>

>

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>

> -Chris

> ITTVIS

I tried it *now*! I didn't know about graphical way. It's nice, but I am happy with my command-line version, as I can just save the whole thing in a variable. I always journal my sessions, so `print,outputvariable` is always available to see later in that particular journal file. Thanks for pointing this way to me. It is cooler than mine :) (Of course, my version of IDL is old. 6.0. So just wondering if higher versions include 'color-coded' display as well!)
