Subject: Re: Is IDL 8.1 Useable!?
Posted by Paul Van Delst[1] on Thu, 08 Sep 2011 16:33:29 GMT
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Hello,

alx wrote:
> On 8 sep, 17:41, David Fanning <n...@dfanning.com> wrote:
>> Paul van Delst writes:
>>> The biggest issue I have with NG is that it is so agonisingly slow. A big selling point for these sorts of products
>>> (IDL, matlab, etc) is that they make you more productive because visualising your data is easy and quick. NG kills the
>>> latter and, based on posts to this newsgroup, is doing a good job of nobbling the former (although I attribute some of
>>> that to resistance to shifting one's perception anchor from how one thinks things *should* work, to how they actually
>>> *do* work).
>> Well, if there was some instruction in how they *do* work
>> we wouldn't be having to make so many guesses as to how
>> they *should* work!
>>
>> My plan was to help provide a solution to the first
>> problem, but it is going awry. :-(
>>
>> 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'am not so sure that DG is faster than NG !
> alx.
>
> IDL> p = randomn(rien, 1024L*1024)
> IDL> t=systime(1) & plot, p, PSYM=3 & print,'DG elaps:',systime(1)-t
> DG elaps: 16.110000
> IDL> t=systime(1) & q=plot(p, LINESTYLE=6, SYMBOL='dot') & print,'DG
> elaps:',systime(1)-t
> % Loaded DLM: XML.
> NG elaps: 11.740000

Interesting!

Here are my results (I cut-n-pasted your commands into my command line):

```
IDL> p = randomn(rien, 1024L*1024)
IDL> t=systime(1) & plot, p, PSYM=3 & print,'DG elaps:',systime(1)-t
DG elaps:      0.74409294

IDL> t=systime(1) & q=plot(p, LINESTYLE=6, SYMBOL='dot') & print,'NG elaps:',systime(1)-t
% Loaded DLM: XML.
NG elaps:       18.482085

IDL> print, !version
{ x86 linux unix linux 8.1 Mar  9 2011      32      64}
```

If my DG plots took as long as on your system, I would never have used IDL in the first place!

Let me now try it in the Workbench:

```
IDL> p = randomn(rien, 1024L*1024)
IDL> t=systime(1) & plot, p, PSYM=3 & print,'DG elaps:',systime(1)-t
DG elaps:      0.95030618
IDL> t=systime(1) & q=plot(p, LINESTYLE=6, SYMBOL='dot') & print,'NG elaps:',systime(1)-t
% Loaded DLM: XML.
% IDLITWINDOW::ONEXPOSE: Failure to acquire window rendering context.
% Unable to acquire device context.
% Execution halted at: $MAIN$
```

Oh boy! (wipes tears from eyes.... :o)

<shake attribute="fist" target="monitor">
I'll give you a rendering context....
</shake>

:oD

cheers,

paulv