Subject: Re: IDL 8.0 compile_opt changes
Posted by R.Bauer on Tue, 05 Jan 2010 14:09:37 GMT
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Reimar Bauer schrieb:
> Chris Torrence schrieb:
>> Hi all,
>>
>> I'm writing to you to ask your opinion on some potential changes in
>> IDL 8.0. We have made some enhancements to the language to support the
>> new graphics functions, and to make IDL simpler to learn, especially
>> for new users.
>>
>
> Hi Chris
>
> Happy new year to you and ittvis. Thanks for asking us.
>
>> The primary change is the use of the dot "." for object method calls.
>> The use of the "." for method calls is now industry standard, for
>> example in languages such as Java, Python, etc. For example, in IDL
>> 8.0, the following code will create a plot, and retrieve the first
>> child object:
>>
>>   p = PLOT(x,y)
>>   child = p.Get(index)
>
> I support this change. I felt always the attempt of doing OO in idl is
> extremly uncomfortable and ugly compared to python.
> I think this change is important for new users or old users using OO in
> different languages.
>

if I see this right I can't have a var plot or do we have now case
sensitives vars too?

That is only a minor issue in comparison that I am quite sure the icg
idl plotlib becomes broken by removing the old direct graphics methods
anyway.

e.g.
 http://www.fz-juelich.de/icg/icg-1/idl_icglib/idl_source/idl
_work/fr_lib/creaso_examples/example7.pro
 http://www.fz-juelich.de/icg/icg-1/idl_icglib/idl_source/idl _html/gif/icon_example7.pro.png

or
 http://www.fz-juelich.de/icg/icg-1/idl_icglib/idl_source/idl
_work/rb_lib/examples/plot/plotxy/plotxy_d_bsp2_p.pro

http://www.fz-juelich.de/icg/icg-1/idl_icglib/idl_source/idl _html/gif/icon_plotxy_d_bsp2_p.pro.gif

Almost all of our publications are based on that library.

Reimar