
Subject: Re: Storing data in an array inside a structure MUCH slower in IDL 8.2.2
Posted by [Helder Marchetto](#) on Thu, 21 Feb 2013 15:58:14 GMT
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On Thursday, February 21, 2013 4:17:15 PM UTC+1, markbates wrote:
> that's scary. I would hate to inadvertently use a structure like this
>
> in my code which could cause such a slowdown. What changed between
>
> IDL 8.1 and 8.2 which could account for this? Even in 8.1 we already
>
> have the 'dot' operator for accessing object methods...?
>
>
>
> any response from Excelis?
>
>
>
> Mark

Dear Mark,
some time ago I ran into a problem with objects vs structures and Chris Torrence from IDL just mentioned that this was corrected starting with version 8.2.1.
See the post: <https://groups.google.com/d/msg/comp.lang.idl-pvwave/uz886NkHqMo/a5WsD7sz1bEJ>

So basically I found that calling a structure with an object reference could be done only like this
PRINT, (self.FirstObj).Var1
where FirstObj is a property of the object that points to another object.
In IDL 8.2.1 you may use this syntax:
PRINT, self.FirstObj.Var1

Yes, so there is a difference between versions earlier than 8.2.0 and starting from 8.2.1 the new syntax is accepted and therefore at run time it has to be checked if it is an object.method or structure.tag

Hope it helps in finding out what has changed in the different IDL versions,
Helder
