
Subject: Re: Yet again, The Sky is Falling!
Posted by [Paolo Grigis](#) on Tue, 13 Mar 2007 10:24:16 GMT
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JD Smith wrote:

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> On Fri, 09 Mar 2007 10:25:41 +0100, Paolo Grigis wrote:
>
>> Here's a simple example of a routine that returns different values if it
>> is called by value or by reference.
>>
>> pro pg,a,b
>>
>> b=arg_present(a)
>>
>> end
>>
>>
>> IDL> x=1
>> IDL> pg,x,b
>> IDL> print,b
>>     1
>>
>> IDL> pg,x+0,b
>> IDL> print,b
>>     0
>>
>> IDL> pg,x[0],b
>> IDL> print,b
>>     0
>
> That's a bit of a contrived example, given that the whole reason I
> originally lobbied for ARG_PRESENT was so you could differentiate between
> by-value and by-reference arguments (which I observed IDL's own internal
> routines could do, so clearly it was functionality waiting to be exposed).
>
> JD
>
```

Sure, but it may nevertheless come handy for the next submission to the obfuscated IDL code contest ;-)

Ciao,
Paolo
