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Subject: Re: object argument passing behaviour changed in v8.2.2?

Posted by [Paul Van Delst\[1\]](#) on Tue, 22 Oct 2013 16:59:18 GMT

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On 10/22/2013 11:57 AM, Chris Torrence wrote:

>

> Hi Paul,

> I don't think this is a special case. It's also not

> "semi-passed-by-reference." The code is simply passing an expression

> into a routine, so IDL cannot store into it.

> Cheers, Chris

Well, that's not the case. Both your, and my corrected, test cases shows that you *can* store into the array element reference (well, the object that was referenced in that array element) in the callee.

It was the "redefinition" of the object in the routine (or method) that was screwing things up.

I know it won't (can't) change anytime soon, but I find the fact that an array element reference is considered an expression in IDL very confusing. It just doesn't grok well.

IDL users should be shielded from under-the-hood details like argument passing mechanisms, IMO (that's my Fortran90/95/2003 side talking).

cheers,

paulv

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