Subject: Re: Singular arrays in structures...
Posted by R.Bauer on Fri, 25 Jun 2004 15:49:20 GMT
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Tom McGlynn wrote:

> I'm sure that this probably has come up before, but I just haven't
> noticed it but every once in a while I run regression tests...
>
> In IDL 5.2 if one starts with
>
>  x = {a:intarr(1),b:0}
>  y = replicate(a,10)
>
> Then
>
>  y.a = intarr(10)  works
>  y.a = intarr(1,10)  fails
>
> In IDL 5.6 the results are reversed, the second method works
> while the first fails.
>
> Does anyone have any workarounds that will handle
> both cases or has this inconsistency perhaps been fixed
> in later versions of IDL?  I'd prefer not to have to
> refer to the IDL version explicitly in the code.
>
> Thanks,
> Tom McGlynn

Dear Tom,

A workaround like this should help

sz=size(y.a,/dimensions)
y.a=reform(intarr(10),sz)

regards

Reimar

--
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
http://www.fz-juelich.de/icg/icg-i/
 ========== ======
a IDL library at ForschungsZentrum Juelich
 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro. html

Subject: Re: Singular arrays in structures...
Posted by tam on Mon, 28 Jun 2004 13:26:25 GMT
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Reimar Bauer wrote:

> Tom McGlynn wrote:
>
>
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>> Thanks,
>> Tom McGlynn
>
>
> Dear Tom,
>
> A workaround like this should help
>
> sz=size(y.a,/dimensions)
> y.a=reform(intarr(10),sz)
>
> regards
>
> Reimar
>

Thanks Reimar,

I think that's exactly what I need.  I can probably use

the /overwrite option in the reform to make it
a little faster since I can modify the array being
assigned to the structure.

Regards,
Tom

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