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:
>
>
>> 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
>

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