Subject: Re: Behaviour of REFORM() changed in IDL 5.5?
Posted by Robert Stockwell on Mon, 11 Feb 2002 13:29:05 GMT
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Georg Wiora wrote:

> Am Fri, 08 Feb 2002 11:15:02 -0700, hat Robert Stockwell
> <rgs1967@hotmail.com> geschrieben:
>
>> Georg Wiora wrote:
>>
>>
>>> Here is my example:
>>>   array = INDGEN(100)
>>>   image = REFORM(100,1)
>>>
> Sorry for the Typo :-\
> It's obviously
>   image = REFORM(array,100,1)

Yes, I noticed that you must have meant the above :)

>> Hi Georg,
>>
>> What os are you? A Windows one? Unfortunately my win2000
>>
> I have a WIN 2000 system.
>
> When I try it on the command line, it works fine, but not in
> my application. Probably it is just some instability problem.

WOW, that would indeed be a serious bug. Can you post the
offending code (shortened down as much as you can)?

I did a quick test, and reform seems to work fine for me
when its in a functionm (IDL5.5 linux). Is there perhaps
another operation you perform that implicitly
causes "IMAGE" to get rid of the single dimension?
For instance, in the example below, multiplying image by 2
causes the extra dimension to be dropped.

Cheers,
bob

function test_reform

```
array = INDGEN(100)
image = REFORM(array,100,1)
help,image

newimage = image*2
help,newimage

return,image

end

; main level code

r = test_reform()
help,r

end

Results:

IMAGE          INT      = Array[100, 1]
NEWIMAGE       INT      = Array[100]
R              INT      = Array[100, 1]
```